

Arlington High School Building Committee
Finance Subcommittee Meeting
Thursday, February 17, 2022
Conducted by Remote Participation
4:00 PM – 5:00 PM
Agenda

- ◆ Budget Update
- ◆ Change Logs Review
- ◆ Change Order #10 & #11 Review/Approval
- ◆ Requisition #22 Review/Approval
- ◆ Meeting Minutes Approval
- ◆ New Business

<https://www.mass.gov/doc/open-meeting-law-order-march-12-2020/download>

Adam Chapdelaine is inviting you to a scheduled Zoom meeting.

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Topic: AHS Building Finance Subcommittee

Time: Feb 17, 2022 04:00 PM Eastern Time (US and Canada)

Join Zoom Meeting

<https://town-arlington-ma-us.zoom.us/j/86845548203>

Meeting ID: 868 4554 8203

One tap mobile

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Meeting ID: 868 4554 8203

Find your local number: <https://town-arlington-ma-us.zoom.us/j/86845548203>

2/17/2022 AHSBC Finance Subcommittee Meeting Meeting Materials

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Draft Vote Language –

1. Motion to approve Consigli AHS Requisition #22 for \$2,879,798.02
2. Motion to approve Change Order No. 10 for a total of \$78,845.73.
3. Motion to recommend approval to the AHS Building Committee for Change Order No. 11 for a total of \$108,518.53.
4. Motion to approve the 1/13/2022 Finance Subcommittee Meeting Minutes.

Contingencies

Owner's Contingency		
\$ Original	\$ Remaining Current	\$ Remaining Anticipated
\$2,769,807	\$1,509,780	\$1,509,780 ➔
Construction Contingency		
\$ Original	\$ Remaining Current	\$ Remaining Anticipated
\$7,075,741	\$6,332,429	\$6,332,429 ➔
TBD		
\$ Original	\$ Remaining Current	\$ Remaining Anticipated
\$0	\$0	\$0 ➔
TBD		
\$ Original	\$ Remaining Current	\$ Remaining Anticipated
\$0	\$0	\$0 ➔

Current Pay Period

Pay App No.: 53

Pay App Amount: \$3,395,284.81

Pro Pay

Amount Submitted: \$111,940,200.07

Amount Reimbursed: \$26,128,505.00

Change Events

Change as % of Orig. Budget:	Number	Amount
Approved Changes:	41	\$843,312
Submitted Changes:	0	\$0
Pending Changes:	0	\$0
Rejected Changes:	0	\$0
Approved Budget Transfers:	31	\$2,097,456

Total Budget:

\$289,892,340

Cost of work + Contingency

Total Committed:

\$277,148,326

Contracts / PO's executed

%

96%

Total Spent

\$114,823,225

Amount Invoiced

%

41%

Cost at Completion:

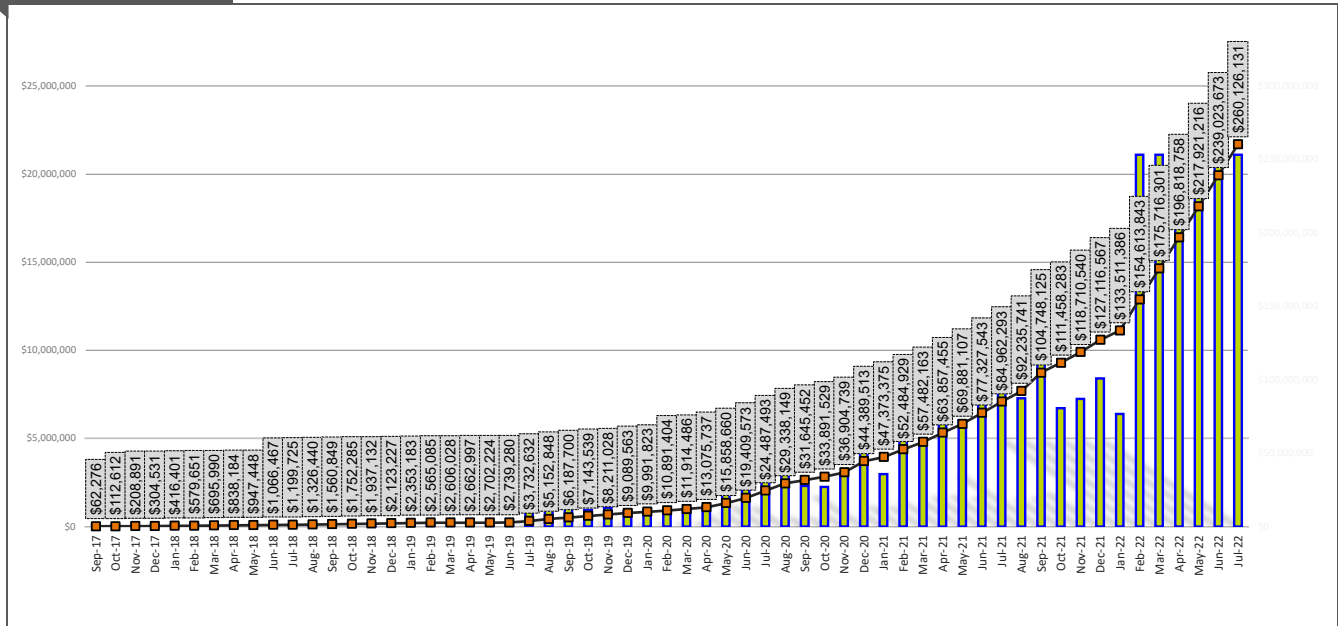
\$277,148,326

Committed + Submitted Changes

%

96%

Cash Flow



Key Contracts

Firm: Skanska USA Building

Original Contract Amount: \$442,880

Contract Changes to Date: \$7,384,600

Total Amount: \$7,827,480

Invoiced to Date: \$3,204,888

Contract Amount Remaining: \$4,622,592

41%

Firm: HMFH Architects, Inc.

Original Contract Amount: \$1,169,533

Contract Changes to Date: \$21,313,260

Total Amount: \$22,482,793

Invoiced to Date: \$16,385,608

Contract Amount Remaining: \$6,097,185

73%

Firm: McPhail Associated

Original Contract Amount: \$997,436

Contract Changes to Date: \$823,413

Total Amount: \$1,820,849

Invoiced to Date: \$1,016,247

Contract Amount Remaining: \$804,601

56%

Firm: Consigli Construction Company

Original Contract Amount: \$237,143,157

Contract Changes to Date: \$816,359

Total Amount: \$237,959,516

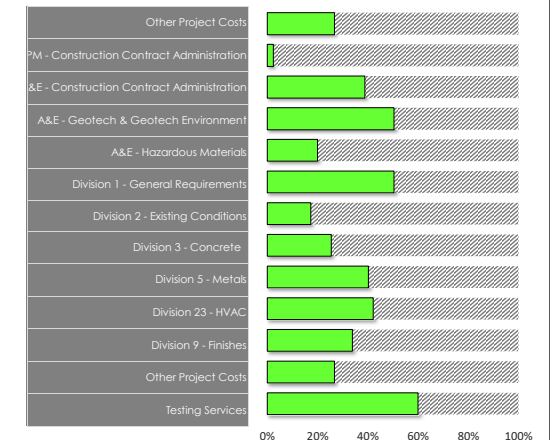
Invoiced to Date: \$90,930,612

Contract Amount Remaining: \$147,028,905

38%

Budget vs. Actual

[Select Cost Code]



Report By Cost Code - Summary

	TOTAL:	\$281,206,819	\$277,148,326	\$4,058,492	\$114,823,225	\$162,325,101
Cost Code Description	Cost Code	Approved Budget Amount	Committed Amount	Budget Remaining	Invoice to Date	Remaining Invoice Amount
OPM - Feasibility Study	0001-0000	\$442,880	\$442,880	\$0	\$439,550	\$3,331
Environmental & Site	0003-0000	\$261,690	\$261,690	\$0	\$257,009	\$4,681
Other	0004-0000	\$9,848	\$2,138	\$7,710	\$2,138	(\$0)
Legal Fees	0101-0000	\$100,000	\$0	\$100,000	\$0	\$0
OPM - Design Development	0102-0400	\$738,194	\$738,194	\$0	\$738,194	\$0
OPM - Construction Contract Documents	0102-0500	\$1,564,643	\$1,564,643	\$0	\$1,564,643	\$0
OPM - Bidding	0102-0600	\$360,097	\$360,097	\$0	\$360,097	\$0
OPM - Construction Contract Administration	0102-0700	\$4,355,342	\$4,355,342	\$0	\$102,405	\$4,252,937
OPM - Closeout	0102-0800	\$366,324	\$366,324	\$0	\$0	\$366,324
OPM - Extra Services	0102-0900	\$0	\$0	\$0	\$0	\$0
OPM - Reimbursables & Other Services	0102-1000	\$0	\$0	\$0	\$0	\$0
OPM - Cost Estimates	0102-1100	\$0	\$0	\$0	\$0	\$0
OPM - Other Project Manager Costs	0102-9900	\$0	\$0	\$0	\$0	\$0
Permitting	0104-0000	\$0	\$0	\$0	\$0	\$0
Owner's Insurance	0105-0000	\$725,825	\$725,825	\$0	\$725,778	\$47
Other Administrative Costs	0199-0000	\$0	\$0	\$0	\$0	\$0
A&E - Design Development	0201-0400	\$4,224,185	\$4,224,185	\$0	\$4,224,185	\$0
A&E - Construction Contract Documents	0201-0500	\$6,876,375	\$6,876,375	\$0	\$6,876,375	\$0
A&E - Bidding	0201-0600	\$422,419	\$422,419	\$0	\$422,419	\$0
A&E - Construction Contract Administration	0201-0700	\$9,346,945	\$9,346,945	\$0	\$3,624,486	\$5,722,459

Report By Cost Code - Summary

	TOTAL:	\$281,206,819	\$277,148,326	\$4,058,492	\$114,823,225	\$162,325,101
Cost Code Description	Cost Code	Approved Budget Amount	Committed Amount	Budget Remaining	Invoice to Date	Remaining Invoice Amount
A&E - Closeout	0201-0800	\$372,521	\$372,521	\$0	\$0	\$372,521
A&E - Other Basic Services	0201-9900	\$39,781	\$35,750	\$4,031	\$8,800	\$26,950
A&E - Printing (Over Minimum)	0203-0200	\$10,000	\$0	\$10,000	\$0	\$0
A&E - Other Reimbursable Costs	0203-9900	\$2,369	\$2,370	(\$0)	\$2,239	\$131
A&E - Hazardous Materials	0204-0200	\$525,000	\$379,324	\$145,676	\$104,973	\$274,351
A&E - Geotech & Geotech Environment	0204-0300	\$1,662,009	\$1,634,509	\$27,500	\$838,358	\$796,151
A&E - Wetlands	0204-0500	\$1,090	\$0	\$1,090	\$0	\$0
A&E - Traffic Studies	0204-1200	\$95,810	\$95,810	\$0	\$81,695	\$14,115
Land/Building Purchase	0301-0000	\$0	\$0	\$0	\$0	\$0
Pre-Construction Services	0501-0000	\$305,508	\$305,508	\$0	\$305,508	\$0
GMP - Fee	0502-0010	\$4,733,848	\$4,733,848	\$0	\$1,679,744	\$3,054,104
GMP - Insurance	0502-0020	\$6,212,555	\$6,212,555	\$0	\$6,199,097	\$13,458
GMP - Contingency	0502-0030	\$7,883,560	\$7,883,560	\$0	\$216,604	\$7,666,957
Division 1 - General Requirements	0502-0100	\$17,512,259	\$17,512,259	\$0	\$8,830,737	\$8,681,523
Division 2 - Existing Conditions	0502-0200	\$7,032,406	\$7,032,406	\$0	\$1,215,295	\$5,817,111
Division 3 - Concrete	0502-0300	\$15,511,220	\$15,511,220	\$0	\$3,950,701	\$11,560,519
Division 4 - Masonry	0502-0400	\$6,668,000	\$6,668,000	\$0	\$2,199,950	\$4,468,050
Division 5 - Metals	0502-0500	\$19,717,018	\$19,717,018	\$0	\$7,936,349	\$11,780,669
Division 6 - Woods, Plastics and Composites	0502-0600	\$3,636,763	\$3,636,763	\$0	\$2,079,907	\$1,556,856
Division 7 - Thermal and Moisture Protection	0502-0700	\$9,172,086	\$9,172,086	\$0	\$3,374,173	\$5,797,913

Report By Cost Code - Summary

	TOTAL:	\$281,206,819	\$277,148,326	\$4,058,492	\$114,823,225	\$162,325,101
Cost Code Description	Cost Code	Approved Budget Amount	Committed Amount	Budget Remaining	Invoice to Date	Remaining Invoice Amount
Division 8 - Openings	0502-0800	\$8,572,580	\$8,572,580	\$0	\$4,485,665	\$4,086,915
Division 9 - Finishes	0502-0900	\$31,134,737	\$31,134,737	\$0	\$10,558,674	\$20,576,063
Division 10 - Specialties	0502-1000	\$1,778,736	\$1,778,736	\$0	\$1,002,003	\$776,733
Division 11 - Equipment	0502-1100	\$2,533,302	\$2,533,302	\$0	\$416,498	\$2,116,804
Division 12 - Furnishings	0502-1200	\$2,505,022	\$2,505,022	\$0	\$1,201,491	\$1,303,531
Division 13 - Special Construction	0502-1300	\$0	\$0	\$0	\$0	\$0
Division 14 - Conveying Systems	0502-1400	\$690,000	\$690,000	\$0	\$199,200	\$490,800
Division 21 - Fire Suppression	0502-2100	\$2,752,300	\$2,752,300	\$0	\$1,389,475	\$1,362,825
Division 22 - Plumbing	0502-2200	\$5,881,250	\$5,881,250	\$0	\$2,867,702	\$3,013,548
Division 23 - HVAC	0502-2300	\$30,581,035	\$30,581,035	\$0	\$12,889,734	\$17,691,301
Division 25 - Integrated Automation	0502-2500	\$0	\$0	\$0	\$0	\$0
Division 26 - Electrical	0502-2600	\$20,348,587	\$20,348,587	\$0	\$10,807,654	\$9,540,933
Division 27 - Communications	0502-2700	\$0	\$0	\$0	\$0	\$0
Division 28 - Electronic Safety and Security	0502-2800	\$0	\$0	\$0	\$0	\$0
Division 31 - Earthwork	0502-3100	\$2,595,698	\$2,595,698	\$0	\$129,019	\$2,466,679
Division 32 - Exterior Improvements	0502-3200	\$26,834,384	\$26,834,384	\$0	\$8,239,354	\$18,595,030
Utility Company Fees	0601-0000	\$250,000	\$155,015	\$94,985	\$153,015	\$2,000
Testing Services	0602-0000	\$750,000	\$745,377	\$4,623	\$450,158	\$295,219
Swing-Space/Modulars	0603-0000	\$2,580,810	\$2,580,810	\$0	\$2,576,882	\$3,928
Other Project Costs	0699-0000	\$956,930	\$926,923	\$30,007	\$256,354	\$670,569

Report By Cost Code - Summary

		TOTAL:	\$281,206,819	\$277,148,326	\$4,058,492	\$114,823,225	\$162,325,101
Cost Code Description	Cost Code	Approved Budget Amount	Committed Amount	Budget Remaining	Invoice to Date	Remaining Invoice Amount	
Furnishings	0701-0000	\$4,036,500	\$1,484,501	\$2,551,999	\$0	\$1,484,501	
Equipment	0702-0000	\$4,036,500	\$2,209,776	\$1,826,724	\$1,196,182	\$1,013,594	
Other Furnishings & Equipment	0799-0000	\$40,000	\$0	\$40,000	\$0	\$0	

Owner's Contingency Summary

Dated: 2/15/2022

BRR No.	Company	Funds From Cost Code	Amount	Funds to Cost Code	Transfer Description
BRR#3	HMFH Architects, Inc.	Owner's Contingency	\$50,850.00	A&E - Construction Contract Documents	Additional Services - HMFH Mechanical Change
BRR#3	Construction Risk Partners	Owner's Contingency	\$580,041.00	Owner's Insurance	Owner's Insurance Overage - Builders Risk & Terrorism
BRR#3	HMFH Architects, Inc.	Owner's Contingency	\$27,500.00	A&E - Construction Contract Administration	Additional Services - PV Additional Support - CA Services
BRR#3	HMFH Architects, Inc.	Owner's Contingency	\$5,500.00	A&E - Construction Contract Documents	Additional Services - PV Additional Support - CD Services
BRR#3	Consigli Construction Company	Owner's Contingency	\$179,120.00	Swing-Space/Modulars	Parmenter Construction Overage
BRR#3	Bryant Associates	Owner's Contingency	\$11,900.00	A&E - Traffic Studies	Additional Services - Traffic Signal Design CA
BRR#3	Bryant Associates	Owner's Contingency	\$13,750.00	A&E - Construction Contract Administration	Additional Services - Traffic Signal Design
BRR#3	Samiotes Consultants, Inc.	Owner's Contingency	\$63,130.00	A&E - Site Survey	Additional Services - Site Survey & MWRA/ConCom/Conservation Request
BRR#3	HMFH Architects, Inc.	Owner's Contingency	\$29,370.00	A&E - Construction Contract Documents	Additional Services - Virus Mitigation Addtl. Engineering
BBR#4	Cabot Risk Strategies, LLC	Owner's Contingency	\$37,379.00	Owner's Insurance	Parmenter Insurance Overage - General Liability & Builders Risk
BBR#4	McPhail Associated	Owner's Contingency	\$39,158.70	A&E - Geotech & Geotech Environment	Additional Services - McPhail Geotech & Geoenvironmental
BBR#4	Samiotes Consultants, Inc.	Owner's Contingency	\$2,475.00	A&E - Site Survey	Additional Services - Site Survey related to Arlington DPW Project
BBR#4	Samiotes Consultants, Inc.	Owner's Contingency	\$12,485.00	A&E - Construction Contract Administration	Additional Services -CA related to Arlington DPW Project
BBR#4	Samiotes Consultants, Inc.	Owner's Contingency	\$8,690.00	A&E - Site Survey	Additional Services - Eversource Design Changes
BRR#5	BALA Consulting Engineers, Inc.	Owner's Contingency	\$21,593.00	A&E - Construction Contract Documents	Additional Services - Eversource & Ameresco Design Changes
BRR#5	Town of Arlington - Custodial	Owner's Contingency	\$50,000.00	Other Project Costs	AHS Custodial Overtime
BRR#5	Construction Risk Partners	Owner's Contingency	\$7,185.00	Owner's Insurance	Builders Risk - Contents Coverage
BRR#5	BALA Consulting Engineers, Inc.	Owner's Contingency	\$2,750.00	A&E - Construction Contract Documents	Additional Services -BALA Library Changes
BRR#5	TBD	Owner's Contingency	\$100,000.00	Other Project Costs	Upcoming Phased Moving Costs
Future BRR#6	Mosesian Center for the Arts	Owner's Contingency	\$17,150.00	Other Project Costs	Spring Musical Venue Rental
		Total Owner's Contingency Spent	\$1,260,026.70		
		Owner's Contingency Budget	\$2,769,807.00		
		Remaining	\$1,509,780.30		

Other Budget Transfers

BRR No.	Company	Funds From Cost Code	Amount	Funds to Cost Code	Transfer Description
BRR #1	HMFH Architects, Inc.	Environmental & Site	\$49,100.00	A&E - Feasibility Study	Additional Services - Revisions to Sports Fields & New Toilet Facility
BRR #1	Universal Environmental Consultants	A&E - Feasibility Study	\$210,020.00	Environmental & Site	Environmental & Site Subconsultant Procurement Overage
BRR #2	Skanska USA Building	OPM - Feasibility Study	\$7,120.00	Other	OPM Contract Savings Transfer
BRR #2	FSA BRR #2	Other	\$50,000.00	Environmental & Site	Environmental & Site Subconsultant Procurement Overage
BRR #2	FSA BRR #2	A&E - Feasibility Study	\$770.00	Environmental & Site	Environmental & Site Subconsultant Procurement Overage
BRR #2	FSA BRR #2	A&E - Feasibility Study	\$2,728.00	Other	A&E Feasibility Contract Savings Transfer
BRR #3	Consigli Construction Company	Pre-Construction Services	\$194,492.20	Swing-Space/Modulars	Parmenter Construction Overage
BRR #3	HMFH Architects, Inc.	A&E - Printing (Over Minimum)	\$40,000.00	A&E - Other Basic Services	Additional Services - McPhail Geotech & Geoenvironmental
BBR#4	McPhail Associated	A&E - Other Reimbursable Costs	\$372,850.00	A&E - Geotech & Geotech Environment	Additional Services - McPhail Geotech & Geoenvironmental
BBR#4	Bryant Associates	A&E - Wetlands	\$8,910.00	A&E - Traffic Studies	Additional Services - Traffic Study - TOA Transp. Advisory Committee Request
Future BRR#5	Renaissance Alliance Insurance Services	Other Project Costs	\$1,219.92	Owner's Insurance	Parmenter School General Liability Audit Additional Premium
Future BRR#5	HMFH Architects, Inc.	A&E - Other Basic Services	\$219.43	A&E - Other Reimbursable Costs	Phase 1 FF&E Procurement Advertisement
		Total "Other" Transfers	\$937,429.55		

Changes Log

COR Pending FSC/SBC Approval
CCC to provide response
OPM/HMFH Review Pending

Pending Consigli Change Request
Change Closed/Approved

CR #*	Change Doc	Description	CR Opened	CR Issued	Pricing Status	CR Status	CR Amount Submitted	CR Amount Approved	Estimated Value	Date District Approval	MSBA Category	Owner CO No.	Skanska Response	HMFH Response	Status Comments
63.1	ASI 024	Various Structural Steel Revisions - Phase 1,2,3 - Concrete only		11/30/2021	Submitted	Open	\$86,693						1/9	1/7	
112.1	ASI 037	Phase 2 and 3 - Concrete assoicated with the steel revision	11/22/2021		Outstanding	Open			\$6,483						
147	CCD 023	FP at Makerspace Ductwork - Fire Protection Scope only		2/11/2022	Submitted	Open	\$53,398							11/6	
150	ASI 084	Revised diffuser layout & smoke damper deletion	6/7/2021		Outstanding	Open			\$445						
178	ASI 094	Terrazzo Patterns L1 & L2	7/6/2021		Outstanding	Open			(\$2,026)						
179	CCD 025	Electrical Connections to Irrigation Systems	7/7/2021		Outstanding	Open			\$8,681						
189	ASI 112	Misc. Steel & Concrete Changes Bldg. B	7/12/2021	2/2/2022	Submitted	Open	\$8,884								
201	ASI 099	Interior Elevations Chorus Room, Production Lab, Band	7/26/2021		Outstanding	Open			(\$1,413)						
203	ASI 121	Partition type changes at triangle chases Part B		11/15/2021	Submitted	Open	\$38,749							11/28	
209	RFI 346.1	Utilize Existing Water Pipe for Temp Service in Fusco	8/4/2021		Outstanding	Open			(\$1,000)						
217	ASI 126	Various Steel Revisions Bldg. B_EST		12/1/2021	Submitted	Open	\$6,498							1/3/22	
220	RFI 415	Prep Steel for Intumescent Paint - eeA/e1.6-e2.2_T&M_EST	8/13/2021		Outstanding	Open			\$2,604						
225	RFI 475	Wood Shop Shaft & Casework Changes_Bldg.D_EST	8/19/2021		Outstanding	Open			\$4,055						
230	ASI 135	Additional Information Aud. Light PC34ATRD, RB16T, RB17T, RB17TRD_EST	8/20/2021		Outstanding	Open			\$21,703						
233	ASI 139	Fusco Bldg Connector Ph. 1_EST. See CR251	8/26/2021		Outstanding	Open			\$97,407						
234	ASI 134	Structural Steel & Fndtn Rebar Revs_Bldg. B_EST	8/26/2021		Outstanding	Open			\$34,183						
237	ASI 142	Revisions to Locating Dims for Items on Exterior Elevation 6/A4.3.9 - Bldg. E_EST	8/31/2021		Outstanding	Open			\$829						
242	CCD-029/ ASI 150	Final Room Numbers/Room Revisions	9/14/2021		Outstanding	Open			\$54,258						
243R1	ASI 144	Provisions for utilizing perm heat via temp power services Ph 1 for 2 months	9/23/2021	1/27/2022	Submitted	Open	\$84,261								
243A	ASI 144	Subcontractors cost associated with provisions for utilizing perm heat via temp power services Ph 1 for 2 months	9/23/2021	1/27/2022	Submitted	Open	\$44,525								
245	RFI 342.3	Add condensate drain pipe at Rm 221A	9/22/2021	2/5/2022	Submitted	Open	\$6,161								
246	CCD 030	ASI-157 - Room 434 DLab Additional Ceiling/Light Fixture	9/27/2021		Outstanding	Open			\$13,022						
250	ASI 152	Various Slab Edge Depression Revs & Steel Revs_Ph 2 & 3	10/1/2021		Outstanding	Open			\$2,712						
254	ASI 146	Revs to Bldg B L1 Electric Rms & Mech Rms_EST	9/29/2021		Outstanding	Open			\$17,802						
256	ASI 158	Steel Revs & Glass Railing Support Revs - Bldg. B&C_EST	10/5/2021		Outstanding	Open			\$14,548						
257		DFH changes in Returned SUB PH1, 2-3	10/7/2021		Outstanding	Open			\$7,020						
261	ASI 154	Various Revs to Bldg A, B, C, E Foundations & Slab depressions	10/8/2021		Outstanding	Open			\$63,962						
262	RFI 506	Stair 3 Temporary Egress Routing_EST	10/25/2021		Outstanding	Open			\$30,317						
264	RFI 545	Heat Recovery Condenser Electrical Discrepancy (Building E)	10/25/2021	12/20/2021	Submitted	Open	\$40,052								
267	ASI 164	Various Steel & Slab Edge Revs (Bldg. B & C)	10/19/2021		Outstanding	Open			\$9,474						
268	CCD 032	Auditorium Glass Rails_EST	10/19/2021		Outstanding	Open			\$27,159						
270	ASI 166	Roof Walkway Pad Final Layout_EST		11/29/2021	Submitted	Open	\$1,563						12/2	11/30	
272	CCD 33	Relocate Electrical Recept. to Face of Base Cabinet at Science CRs ADA Sink	10/22/2021		Outstanding	Open			\$13,022						
273	ASI 169	Revisions to Steel Bldg. E & B_EST_AT 24-039	10/27/2021	1/7/2022	Submitted	Open	\$17,785						2/7	2/3	
275		Rework GWB and sills for structural glazing	10/27/2021		Outstanding	Open			\$2,712						
277	RFI 548	F&I Added Electrical Jockey Pump/Controller	11/1/2021		Outstanding	Open			\$2,873						
278	ASI 168	Layout Dimensions for PC Wall Cap and Fence East courtyard	11/2/2021		Outstanding	Open									
279	CCD 035	Provide EV Charging Stations	11/2/2021		Outstanding	Open			\$101,260						
282	n/a	Additional skim coat in bathrooms due to tile elevation discrepancy - Ph 1		1/3/2022	Submitted	Open	\$15,388								
283	RFI 542	Added Ice Maker Drains Missing Pipe Bldg. D		2/5/2022	Submitted	Open	\$3,458								
290	ASI 123	Plumbing Revisions Kitchen Equip. & Electrical Connection heat trace	11/15/2021	1/10/2022	submitted	Open	\$7,920								
296	ASI 177	Various Revisions Steel & Concrete - Ph. 2/3_EST	12/1/2021		Outstanding	Open			\$14,684						
299		WJGEI Telecom - F&I Security Bollards_EST	12/1/2021	1/25/2022	submitted	Open	\$11,566								
301	RFI 533	Additional HW Supply & Return Piping - Bldg B_EST	12/1/2021	1/6/2022	submitted	Open	\$15,228								
302		CW Steel Support Angles at Doors_EST	12/7/2021		Outstanding	Open			\$4,400						
305	ASI 183	Memorial Bench Plaques Content Layout_EST	12/13/2021		Outstanding	Open									
306	ASI 184	Guidance Suite RCP Coordination Adjustments (PH 2)	12/13/2021		Outstanding	Open									
307	ASI 185	Eliminate Security PoE Switch from Electrical Scope_EST	12/13/2021		Outstanding	Open									
309		Extend Irrigation Line past Concrete Sidewalk_T	12/14/2021		Outstanding	Open			\$2,107						
311	RFI 511	RFI-511 - Bldg E Practice Rooms Outlets in Conflict w. Mirrors	12/17/2021		Outstanding	Open			\$7,596						
312	ASI 182	ASI-182 - Bldg. E Exterior Site Bench Layout Dimensions_Ph. 1_EST	12/20/21		Outstanding	Open									
313	RFI 476	RFI-476 - Dressing Room Electrical Devices Relocation_T&M_EST	12/21/2021	2/11/2022	submitted	Open	\$3,424								
315	CCD 36	CCD-036 - FUSCO Temp Library Revisions_EST	12/21/2021		Outstanding	Open			\$16,189						
316	ASI 186	ASI-186 - Revisions to Acid Neutralization Tank_Ph.1_EST	12/23/2021	2/3/2022	submitted	Open	\$4,467						2/7		
317	ASI 187	ASI-187 - Misc. Steel Revisions Bldgs A, B, C_EST	12/23/2021	2/5/22 4/4/20	submitted	open	\$4,153						2/7	2/5	
318	ASI 189	ASI-189 - Revs to Steel & Concrete Slab Dims_Bldg. A, B, C_EST	12/23/2021		Outstanding	Open			\$5,076						
319	ASI 188	ASI-188 - Mech Duct and Pipe Valve Revs_Bld A & B_EST	12/23/2021		Outstanding	Open			\$4,340						
321	n/a	Furnish and Install 6" Base at Casework & Light	1/6/2022	1/6/2022	Submitted	Open	\$9,611								
323	RFI 582	RFI-582 - Electric Boiler Emergency Disconnect Switch (Building E/B)	1/5/2022	2/11/2022	Submitted	Open	\$6,443								
324	ASI 194	ASI-194 - Revisions to PC20 Fixture Locations & Qty's - Ph. 1_EST	1/5/2022		Outstanding	Open									
325	ASI 193	ASI-193 - Misc. Revisions to Steel at Roof Bldg. B_EST	1/5/2022		Outstanding	Open			(\$1,623)						
326	ASI 195	ASI-195 - 4th Floor Beam Penetration_Bldg. B_EST	1/5/2022		Outstanding	Open			\$1,036						
327	ASI 192	ASI-192 - Clarification to C4A Baffles - Ph. 1_T&M_EST	1/11/2022		Outstanding	Open			\$5,426						
328	ASI 198	ASI-198 - Grading revisions at Part E west exterior courtyard and adjacent sidewalk_E	1/11/2022		Outstanding	Open			\$868						
329		Conex Boxes Ed Burns Skating Rink & Drama Set Materials_EST	1/13/2022		Outstanding	Open			\$5,425						

CR #*	Change Doc	Description	CR Opened	CR Issued	Pricing Status	CR Status	CR Amount Submitted	CR Amount Approved	Estimated Value	Date District Approval	MSBA Category	Owner CO No.	Skanska Response	HMFH Response	Status Comments
330	RFI 592	RFI-592.1 - 592 - Dust Collector EST	1/18/2022		Outstanding	Open			\$20,474						
331	ASI 199	ASI-199 - Stair 10 Railing_EST	1/18/2022		Outstanding	Open									
332	ASI 197	ASI-197 - Revisions to Band & Chorus Rooms Baffle & PC16 fixtures	1/20/2022		Outstanding	Open			\$6,511						
333		Elevator Operator for Owner Moves_EST	1/21/2022		Outstanding	Open			\$6,511						
334		RFI-XXXX - Additional Electrical for Ice Makers Ph. 1_T&M_EST	1/24/2022		Outstanding	Open			\$7,596						
335	ASI 204	ASI-204 - Additional of 14B Low Walls at Art Classroom Sinks - Bldg. E	1/24/2022		Outstanding	Open			\$10,026						
336	RFI 593	RFI-593 - Homosote TB Attachment & Finish Revisions - Ph.1	1/27/2022		Outstanding	Open			\$10,851						
337	ASI 98.3	ASI-098.3 - Paint Color for Access Panels & Counter Brackets - Phase 1	1/28/2022		Outstanding	Open			\$10,851						
338	ASI 206	ASI-206 - Provide Separate Metering for EV Charger Panel - Phase 1	1/28/2022		Outstanding	Open			\$5,721						
339	RFI 594.1	RFI-594.1 - F&I Missing Top Cat AV Power_Bldg. D & E	1/31/2022		Outstanding	Open			\$5,383						
340	ASI 207	ASI-207 - Revision to Foundation Plan (BLDG A, B, D/E Ph 2) (PH 2 + 3)	1/31/2022		Outstanding	Open									
341	RFI 455.2	RFI-455.2 - Roof Drain Changes_EST	2/3/2022		Outstanding	Open			\$6,428						
342	ASI 95.1	ASI 095.1 - Revision to Temp LABBB Quiet Room (Downs BLDG;PH 1)	2/7/2022		Outstanding	Open									
343	RFI 601	RFI-601 - Branch Box BS-1-E-3 Missing Electrical Circuitry - Bldg.	2/8/2022		Outstanding	Open			\$4,341						
344	CCD 39	CCD-039 - Change Floor Finish Material in Toilet Entry Alcove C2-09 Bldg D	2/8/2022		Outstanding	Open									
							\$470,227	\$741,479	\$697,097						

*CR 1-60 are incorporated into the GMP.

Projected CR's:		\$1,167,324
CR's Approved:		\$741,479
Total Approved/Projected CR's		\$1,908,803.5
Construction Contingency (from 3011)		\$7,075,741.0
Remaining Cont Less Approved COs		\$6,334,262.0
Remaining Cont Less Approved & Projected COs		\$5,166,937.5
Contingency Burn Based on Physical Progress Calculation		
Percentage Complete (Physical Progress)		39.0%
Percentage of Total Approved/Projected CR to Const Cont Amount		27.0%
Allotted Const Cont for Current Progress		\$2,759,539
Remaining Allotted (after Approved/Projected)		\$850,736

By Owner

\$294,877

By 3rd Party

\$16,190

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Arlington High School Project
Allowance Log

							CCC Cost Code	24-001	24-002	24-003	24-006	24-007	24-008	24-011	24-013	24-014	24-015-021	24-032	24-033	24-034	24-035	24-036	24-037
							Allow #	001	002	003	006	007	008	011	013	014	015	032	033	034	035	036	037
Allow Letter #	Description	Allow #	CCC Cost Code	Amount	Date Issued	Date Approved by Owner	Total Balance Remaining	Temp electric consumption in GR	Temp heating systems and rentals	Temp heating fuel for construction	Project ID signage	Police detail	Humidity control	Temp IT/DPW Project IT Coordination	Acceleration/S elective Over Time	Covid GR Impact Costs	Phasing Contingency	Create clean corridor	Water treatment - allowance	Foundation and obstruction	Sewer by-pass - phase 2	Repair engineer barrier at	Street sweeping - phase 2-3
.						Budget	6,115,500	200,000	125,000	125,000	15,000	22,500	200,000	300,000	700,000	600,000	650,000	100,000	100,000	75,000	50,000	50,000	90,000
.						Potential & Tranferred to date	1,968,028	171,961	63,683	110,041	721	0	10,000	25,755	402,283	265,525	266,156	0	0	0	0	0	0
.				0		Balance Remaining	4,147,472	28,039	61,317	14,959	14,279	22,500	190,000	274,245	297,717	334,475	383,844	100,000	100,000	75,000	50,000	50,000	90,000
				\$1,968,028																			
Pre-GMP	Project ID signage	006		\$721	Pre-GMP	Pre-GMP					721												
AT004	Eversource Invoice for Temp Service	001	24-001	\$33,332	11/30/2020	3/4/2021		33,332															
AT005	Trailer Temp power usage - Sept 2020 - Dec 2	001	24-001	\$15,751	1/4/2021	3/4/2021		15,751															
AT007	Eversource Invoice for Temp Service for Trail	001	24-001	\$17,885	11/16/2020	3/4/2021		17,885															
AT009	Temporary heating systems and rentals	002	24-002	\$26,290	1/12/2021	2/26/2021			26,290														
AT010	Covid GR Impact Costs	014	24-014	\$6,942	1/12/2021	2/26/2021										6,942							
CR057	Covid GR Impact Costs - Nov 2020 (Taken out of allowance, Consigli cannot re-assign as a AT once approved in their system)	014	24-014	\$6,074	3/23/2021	3/30/2021										6,074							
AT011	Covid GR Impact Costs - Dec 2020	014	24-014	\$4,914	4/29/2021	6/3/2021										4,914							
AT012	Covid GR Impact Costs - Jan 2021	014	24-014	\$7,861	4/29/2021	6/3/2021										7,861							
AT013	Winter Conditions - January 2021	040	24-009	\$22,458	2/15/2021	2/18/2021																	
AT014	Fund Temp Power - January - March '21	001	24-001	\$30,334	6/12/2021	8/5/2021		30,334															
AT016	Temp Heat Equipment Rental and Removal -	002	24-002	\$37,393	6/12/2021	8/5/2021			37,393														
AT017	Assignment of CCC Cost Code	n/a	n/a	n/a	2/15/2021	2/18/2021																	
AT019	Covid GR Impact Costs - Feb 2021	014	24-014	\$7,269	6/2/2021	6/3/2021										7,269							
AT019	Covid GR Impact Costs - Feb 2021	014	24-014	\$7,269	4/29/2021	6/3/2021										7,269							
AT020	Fuel for temp heat - March 2021	003	24-003	\$110,041	4/13/2021	4/29/2021				110,041													
AT021	Winter Conditions - Feb and March 2021	040	24-009	\$36,162	4/13/2021	4/29/2021																	
AT022	Covid GR Impact Costs - March 2021	014	24-014	\$16,555	8/3/2021	8/3/2021										16,555							
AT023	Premium Time - Feb and March 2021	013	24-013	\$38,241	4/29/2021	4/29/2021									38,241								
AT024	Premium Time - April 2021	013	24-013	\$31,438	6/7/2021	6/25/2021									31,438								
AT025	Covid GR Impact Costs - April 2021	014	24-014	\$20,407	8/3/2021	8/3/2021										20,407							
AT026R	RFI 314 - Primary Service Feeders change - to minimize shutdown for Phase 2	045	24-045	\$73,546	5/25/2021	8/26/2021																	
AT027	Fusco cooling East locations - electrical	015	24-021	49,410	5/6/2021	5/7/2021											49,410						
AT027	Fusco cooling East locations - HVAC	015	24-020	29,104	5/6/2021	5/7/2021											29,104						
AT028	Covid GR Impact Costs - May 2021	014	24-014	\$12,022	7/29/2021	9/22/2021										12,022							
AT029	Fund Temp Power - April 2021	001	24-001	\$24,857	6/12/2021	8/5/2021		24,857															
AT030	ASI 050 - Elec Cost for Rm. 332 power & data rev.	45	24-045	\$2,073	7/20/2021	8/10/2021																	
AT030.1	ASI 050 - Elec Cost for Rm. 332 power & data rev. (credit)	45	24-045	-\$6,678	12/15/2022	1/10/2022																	
AT031	RFI-164 - Emergency Lighting Panel Fuses (Phase 1 & 2)	045	24-045	\$5,868	6/8/2021	6/25/2021																	
AT032	Factory glaze door lites ILO of field install	013	24-013	\$6,197	11/10/2021	11/30/2021									6,197								
TBD	RFI 146 - Change E Lighting panel to fuse	045	24-045	\$6,000	Notice of change issued 2/24/21																		
AT033	Locker material esclation due to COVID-19 Impact	014	24-014	\$44,336	7/20/2021	8/2/2021										44,336							
AT034	Fund Temp Power - May/June 2021	001	24-001	\$24,803	potential			24,803															
AT035	Covid GR Impact Costs - June 2021	014	24-014	\$11,359	9/15/2021	9/16/2021										11,359							
AT036	RFI 330 - Woodshop 227 Transformer relocat	045	24-045	\$4,118	7/20/2021	10/7/2021																	
AT037	Premium time - partial May and June 2021	013	24-013	\$24,639	8/3/2021	8/3/2021									24,639								
AT038	ASI 27 - Ph 2/3 steel changes	042	24-039	\$9,500	10/28/2021	?Jim/Arthur																	
AT039	RFI 190 - Fixed cord drop in Woodshop	045	24-045	\$2,348	7/20/2021	8/10/2021																	
AT040	CCD 14 & RFI 196.1 - Main Elec. Rm layout	045	24-045	\$71,121	7/12/2021	7/13/2021																	
AT041	Leveling existing slab in cafeteria corridor (from floor abatement)	015	24-017	\$33,444	7/14/2021	8/10/2021											33,444						
AT042	Seal slab & replace base at abated floor areas - swing space	015	24-017	\$10,000	potential												10,000						
AT043	Covid GR Impact Costs - July 2021	014	24-014	\$11,821	11/5/2021	11/30/2021										11,821							
AT044	Premium Time - July 2021	013	24-013	\$45,618	9/3/2021	9/16/2021									45,618								
AT045	Temp AVB at Stair 2 Bldg for future connection	015	24-017	\$4,593	9/3/2021	9/16/2021											4,593						
AT046	Rental & labor for Dehumidifiers	0.0018	24-008	\$10,000	potential							10,000											
AT047	Covid GR Impact Costs - August 2021	014	24-014	\$15,673	11/5/2021	11/30/2021										15,673							
AT048	Fund Temp Power - July 2021	001	24-001	\$25,000	potential			25,000															2/13/2022

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Allowance Log

							CCC Cost Code	24-001	24-002	24-003	24-006	24-007	24-008	24-011	24-013	24-014	24-015-021	24-032	24-033	24-034	24-035	24-036	24-037
							Allow #	001	002	003	006	007	008	011	013	014	015	032	033	034	035	036	037
Allow Letter #	Description	Allow #	CCC Cost Code	Amount	Date Issued	Date Approved by Owner	Total Balance Remaining	Temp electric consumption in GR	Temp heating systems and rentals	Temp heating fuel for construction	Project ID signage	Police detail	Humidity control	Temp IT/DPW Project IT Coordination	Acceleration/S elective Over Time	Covid GR Impact Costs	Phasing Contingency	Create clean corridor	Water treatment - allowance	Foundation and obstruction	Sewer by-pass - phase 2	Repair engineer barrier at	Street sweeping - phase 2-3
AT049	Premium Time - Aug 2021	013	24-013	\$51,014	10/12/2021	10/15/2021									51,014								
AT050	Misc patch and repair existing swing space	015	24-015 24-017	\$13,168	10/12/2021	10/15/2021											13,168						
AT051	Avid - fire watch at addtl catwak	043	24-042	\$1,160	potential																		
AT052	Covid GR Impact Costs - Sept 2021	014	24-014	\$21,286	11/5/2021	11/30/2021										21,286							
AT053	Premium Time - Sept 2021	013	24-013	\$61,068	10/28/2021	11/30/2021									61,068								
AT054	Temp Ainfll borrowed lights in Phasing wall C3-13	015	24-015	\$1,800	potential												1,800						
AT055	Premium Time - Oct 2021	013	24-013	\$69,354	12/6/2021	1/31/2022									69,354								
AT056	F&I bike racks to accommodate phasing per Owner	015	24-015	\$10,000	12/6/2021												10,000						
AT057	CCD 24 Fiber coonection to Fusco due to DPW Data Center schedule. CR152	011	24-011	\$24,195	10/5/2021	10/7/2021								24,195									
AT058	ASI 048 Auditorium concrete slab revs and step dim. \$495	Pre-GMP CO	24-025	pre-GMP CO	10/13/2021	10/15/2021																	
AT059	ASI 049 Revisions to window shade	045	24-045	-\$8,739	10/6/2021	11/15/2021																	
AT060	ASI 037 - Various Steel Revisions to Ph 2 and 3. (CR112R1)	042	24-039	\$82,105	10/6/2021	10/7/2021																	
AT061	ASI 083 - Structural Steel Revisons Bldg B (CR165)	042	24-039	\$10,715	10/6/2021	10/7/2021																	
AT062	CCD-019 & CR158 - RFI-381 Dlab Fixture Revs. (CR158)	045	24-045	\$15,745	10/7/2021	10/12/2021																	
AT063	CCD 19 - Light fixture revision for Buildings and Site	045	24-045	\$45,171	10/7/2021	10/12/2021																	
AT064	Covid GR Impact Costs - October 2021	014	24-014	\$25,595	1/14/2022	1/31/2022										25,595							
AT065	Premium Time - Nov 2021	013	24-013	\$74,714	1/14/2022	1/31/2022									74,714								
AT066	Air freight resilient flooring for Ph 1. Forbo had delay in manufacturing due to COVID	014	24-014	\$25,525	11/8/2021	1/4/2022										25,525							
AT067	CCD 19 - Panel production supply change impacts - DH2D and MHMOS3E	045	24-045	\$50,222	11/30/2021	1/31/2022																	
AT068	ASI 116 - Electrical connection to kitchens (CR190)	045	24-045	\$3,816	11/3/2022	1/31/2022																	
AT069	Added DAS at Ceiling of 5th Floor Bldg. D (CR182)	045	24-045	\$5,699	11/9/2021	11/12/2021																	
AT070	Change (3) P9 Sinks to be drop ins as they are to be set in plastic lam countertops (CR208)	015	24-015	\$872	11/9/2021	11/12/2021											872						
AT071	Ameresco PV circuit breaker assembly. (CR192)	045	24-045	\$12,118	11/9/2021	11/12/2021																	
AT072	Covid GR Impact Costs - November 2021	014	24-014	\$20,617	1/14/2022	1/31/2022										20,617							
AT073	IT Service for Eversource Shutdown 11/18/21- Vault Exploratory CR195	011 '015	24-011 24-021	\$16,329	11/15/2021	11/29/2021								1,560			14,769						
AT074	ASI 061 and 61.1 - (CR133) Various steel changes in PH 2 and 3	042	24-039	\$50,109	11/28/2021	12/2/2021																	
AT075	RFI 482 - Glycol Branch Bldg E Elec.	045	24-045	\$1,890	11/29/2021	12/2/2021																	
AT078	ASI 115 - Power connections for range hoods - Bldgs A, B, &C	045	24-045	\$2,007	12/2/2021	12/2/2021																	

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					24-040	24-041	24-009	OAL TBD	24-039	24-042	24-044	24-045	24-046	24-043	24-047
					038	039	040	041	042	043	044	045	046	047	048
Allow Letter #	Description	Allow #	CCC Cost Code	Amount	Temp electric consumption - additional	Temp heating fuel for construction	Winter conditions	Additional concrete	Additional steel	Additional misc metals	Additional kitchen equipment	Additional electrical	Hoisting not assigned to sub	Pedestrian protection and access	Vapor mitigation fans if
.					250,000	165,000	150,000	100,000	300,000	200,000	103,000	750,000	300,000	220,000	175,000
.				Potential	0	0	58,620	0	152,103	1,160	0	440,020	0	0	0
.				0	250,000	165,000	91,380	100,000	147,897	198,840	103,000	309,980	300,000	220,000	175,000
				\$1,968,028											
Pre-GMP	Project ID signage	006		\$721											
AT004	Eversource Invoice for Temp Service	001	24-001	\$33,332											
AT005	Trailer Temp power usage - Sept 2020 - Dec 2020	001	24-001	\$15,751											
AT007	Eversource Invoice for Temp Service for Trailer	001	24-001	\$17,885											
AT009	Temporary heating systems and rentals	002	24-002	\$26,290											
AT010	Covid GR Impact Costs	014	24-014	\$6,942											
CR057	Covid GR Impact Costs - Nov 2020 (Taken out of allowance, Consigli cannot re-assign as a AT once approved in their system)	014	24-014	\$6,074											
AT011	Covid GR Impact Costs - Dec 2020	014	24-014	\$4,914											
AT012	Covid GR Impact Costs - Jan 2021	014	24-014	\$7,861											
AT013	Winter Conditions - January 2021	040	24-009	\$22,458			22,458								
AT014	Fund Temp Power - January - March '21	001	24-001	\$30,334											
AT016	Temp Heat Equipment Rental and Removal -	002	24-002	\$37,393											
AT017	Assignment of CCC Cost Code	n/a	n/a	n/a	x	x				x	x	x	x	x	x
AT019	Covid GR Impact Costs - Feb 2021	014	24-014	\$7,269											
AT019	Covid GR Impact Costs - Feb 2021	014	24-014	\$7,269											
AT020	Fuel for temp heat - March 2021	003	24-003	\$110,041											
AT021	Winter Conditions - Feb and March 2021	040	24-009	\$36,162			36,162								
AT022	Covid GR Impact Costs - March 2021	014	24-014	\$16,555											
AT023	Premium Time - Feb and March 2021	013	24-013	\$38,241											
AT024	Premium Time - April 2021	013	24-013	\$31,438											
AT025	Covid GR Impact Costs - April 2021	014	24-014	\$20,407											
AT026R	RFI 314 - Primary Service Feeders change - to minimize shutdown for Phase 2	045	24-045	\$73,546								73,546			
AT027	Fusco cooling East locations - electrical	015	24-021	49,410											
AT027	Fusco cooling East locations - HVAC	015	24-020	29,104											
AT028	Covid GR Impact Costs - May 2021	014	24-014	\$12,022											
AT029	Fund Temp Power - April 2021	001	24-001	\$24,857											
AT030	ASI 050 - Elec Cost for Rm. 332 power & data rev.	45	24-045	\$2,073								2,073			
AT030.1	ASI 050 - Elec Cost for Rm. 332 power & data rev. (credit)	45	24-045	-\$6,678								(6,678)			
AT031	RFI-164 - Emergency Lighting Panel Fuses (Phase 1 & 2)	045	24-045	\$5,868								5,868			
AT032	Factory glaze door lites ILO of field install	013	24-013	\$6,197											
TBD	RFI 146 - Change E Lighting panel to fuse	045	24-045	\$6,000								6,000			
AT033	Locker material esclation due to COVID-19 Impact	014	24-014	\$44,336											
AT034	Fund Temp Power - May/June 2021	001	24-001	\$24,803											
AT035	Covid GR Impact Costs - June 2021	014	24-014	\$11,359											
AT036	RFI 330 - Woodshop 227 Transformer relocation	045	24-045	\$4,118								4,118			
AT037	Premium time - partial May and June 2021	013	24-013	\$24,639											
AT038	ASI 27 - Ph 2/3 steel changes	042	24-039	\$9,500					9,500						
AT039	RFI 190 - Fixed cord drop in Woodshop	045	24-045	\$2,348								2,348			
AT040	CCD 14 & RFI 196.1 - Main Elec. Rm layout	045	24-045	\$71,121								71,121			
AT041	Leveling existing slab in cafeteria corridor (from floor abatement)	015	24-017	\$33,444											
AT042	Seal slab & replace base at abated floor areas - swing space	015	24-017	\$10,000											
AT043	Covid GR Impact Costs - July 2021	014	24-014	\$11,821											
AT044	Premium Time - July 2021	013	24-013	\$45,618											
AT045	Temp AVB at Stair 2 Bldg for future connection	015	24-017	\$4,593											
AT046	Rental & labor for Dehumidifiers	0.0018	24-008	\$10,000											
AT047	Covid GR Impact Costs - August 2021	014	24-014	\$15,673											
AT048	Fund Temp Power - July 2021	001	24-001	\$25,000											

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Arlington High School Project
Allowance Log

					24-040	24-041	24-009	OAL TBD	24-039	24-042	24-044	24-045	24-046	24-043	24-047
					038	039	040	041	042	043	044	045	046	047	048
Allow Letter #	Description	Allow #	CCC Cost Code	Amount	Temp electric consumption - additional	Temp heating fuel for construction	Winter conditions	Additional concrete	Additional steel	Additional misc metals	Additional kichen equipment	Additional electrical	Hoisting not assigned to sub	Pedestrian protection and access	Vapor migitagion fans if
AT049	Premium Time - Aug 2021	013	24-013	\$51,014											
AT050	Misc patch and repair existing swing space	015	24-015	\$13,168											
			24-017												
AT051	Avid - fire watch at addtl catwak	043	24-042	\$1,160						1,160					
AT052	Covid GR Impact Costs - Sept 2021	014	24-014	\$21,286											
AT053	Premium Time - Sept 2021	013	24-013	\$61,068											
AT054	Temp Ainfll borrowed lights in Phasing wall C3-13	015	24-015	\$1,800											
AT055	Premium Time - Oct 2021	013	24-013	\$69,354											
AT056	F&I bike racks to accommodate phasing per Owner	015	24-015	\$10,000											
AT057	CCD 24 Fiber coonection to Fusco due to DPW Data Center schedule. CR152	011	24-011	\$24,195											
AT058	ASI 048 Auditorium concrete slab revs and step dim. \$495	Pre-GMP CO	24-025	pre-GMP CO											
AT059	ASI 049 Revisions to window shade	045	24-045	-\$8,739								(8,739)			
AT060	ASI 037 - Various Steel Revisions to Ph 2 and 3. (CR112R1)	042	24-039	\$82,105					82,105						
AT061	ASI 083 - Structural Steel Revisons Bldg B (CR165)	042	24-039	\$10,715					10,715						
AT062	CCD-019 & CR158 - RFI-381 Dlab Fixture Revs. (CR158)	045	24-045	\$15,745								15,745			
AT063	CCD 19 - Light fixture revision for Buildings and Site	045	24-045	\$45,171								45,171			
AT064	Covid GR Impact Costs - October 2021	014	24-014	\$25,595											
AT065	Premium Time - Nov 2021	013	24-013	\$74,714											
AT066	Air freight resilient flooring for Ph 1. Forbo had delay in manufacturing due to COVID	014	24-014	\$25,525											
AT067	CCD 19 - Panel production supply change impacts - DH2D and MHMOS3E	045	24-045	\$50,222								50,222			
AT068	ASI 116 - Electrical connection to kitchens (CR190)	045	24-045	\$3,816								3,816			
AT069	Added DAS at Ceiling of 5th Floor Bldg. D (CR182)	045	24-045	\$5,699								5,699			
AT070	Change (3) P9 Sinks to be drop ins as they are to be set in plastic lam countertops (CR208)	015	24-015	\$872											
AT071	Ameresco PV circuit breaker assembly. (CR192)	045	24-045	\$12,118								12,118			
AT072	Covid GR Impact Costs - November 2021	014	24-014	\$20,617											
AT073	IT Service for Eversource Shutdown 11/18/21- Vault Exploratory CR195	011 '015	24-011 24-021	\$16,329											
AT074	ASI 061 and 61.1 - (CR133) Various steel changes in PH 2 and 3	042	24-039	\$50,109					50,109						
AT075	RFI 482 - Glycol Branch Bldg E Elec.	045	24-045	\$1,890								1,890			
AT078	ASI 115 - Power connections for range hoods - Bldgs A, B, &C	045	24-045	\$2,007								2,007			

Budget:	GMP Cont.	Owner GMP Cont
	\$5,817,419	\$1,150,000

Contingency Letter (CT) #	Document	Description	Amount	GMP Cont. Amount	Owner GMP Cont. Amount	Date Issued	Approved Amount	Date Approved	BIC/Status	Comments
CT004	n/a	Final Clean for EBP 3	\$11,500	\$11,500		3/22/2021	\$11,500	3/23/2021	Closed	
CT006	n/a	EBP3 - Plywood filler at guidance office demising walls	\$350	\$350		3/22/2021	\$350	3/23/2021	Closed	
CT010	n/a	EBP3 - F/I blinds due to existing missing	\$750	\$750		3/22/2021	\$750	3/23/2021	Closed	
CT014	n/a	EBP2 - Hydroseed loam stockpile	\$2,730	\$2,730		2/15/2021	\$2,730	2/18/2021	Closed	
CT015	n/a	EBP3 - Misc. electrical T&M work in Swing Spaces for work associated with RFI 17, CCD 004 & CCD 009	\$2,000	\$2,000		2/10/2021	\$2,000	2/18/2021	Closed	
CT017A	PR 1/CCD8	Change linoleum tile from Marmoleum MCT to Marmoleum Modular - Phase 1	\$214,346		\$214,346	2/24/2021	\$214,346	2/18/2021	Closed	
CT017B	PR 1/CCD8	Change linoleum tile from Marmoleum MCT to Marmoleum Modular - Phase 2 & 3	\$298,114		\$298,114	2/21/2021	\$298,114	2/18/2021	Closed	
CT018C	PR 2	Change Corr C1-06 flooring from AFC-1 to Res Tile - Modulat Tile	\$840		\$840	3/17/2021	\$840	3/17/2021	Closed	
CT019A	PR 3/CCD10	Add CT Wainscot to Stairs 2 and 3 Phase 1	\$190,500		\$190,500	2/23/2021	\$190,500	2/24/2021	Closed	
CT019B	PR 3/CCD10	Add CT wainscot to Stairs 1 and 4 Phase 2	\$97,166		\$97,166	2/23/2021	\$97,166	2/24/2021	Closed	
CT019C	PR 3/CCD10	Add CT wainscot to Stair 8 Phase 3	\$33,911		\$33,911	2/23/2021	\$33,911	2/24/2021	Closed	
CT020A	PR 5/CCD12	Change toilet room flooring to porcelain tile Phase 1	\$70,681		\$70,681	2/25/2021	\$70,681	2/26/2021	Closed	
CT020B	PR 5/CCD12	Change toilet room flooring to porcelain tile Phase 2 and 3	\$176,896		\$176,896	2/25/2021	\$176,896	2/26/2021	Closed	
CT021	PR 4/CCD9	Raised CT Wainscot height in staff toilets Rms Phases 1-3	\$20,738		\$20,738	2/22/2021	\$20,738	2/24/2021	Closed	
CT022		Quick ship door frames Bldg D L5 & L4. To cover overage in HT-15. Total Cost is \$5,837	\$837	\$837		3/21/2021	\$837	3/23/2021	Closed	
CT025		F&I Temp doors and hardware for Mech/Elec Rooms - Phase 1	\$5,891	\$5,891		6/7/2021	\$5,891	6/7/2021	Closed	total is \$7,315.7; \$1,425 funding from Hold 8-006
CT026	PR-006	Provide sink in Downs Classroom 336 for temporary daycare	\$16,815		\$16,815	6/2/2021	\$16,815	6/3/2021	Closed	CR124
CT027	ASI 064	Additional caseworks and revisions to accommodate p-trap.- Rms 221, 226, 219 and 220	\$12,255		\$12,255	6/8/2021	\$12,255	6/25/2021	Closed	CR 127
CT028	ASI 051 & .1 & 2	Add Adjustable Shelves to Tech Storage Cabinets	\$7,930		\$7,930	6/8/2021	\$7,930	6/21/2021	Closed	CR 128
CT030		Locker sloped tops	\$22,985	\$22,985		6/17/2021	\$22,985	6/18/2021	Closed	CR 132
CT032		Swing Space - Spring early abatement April 2021	\$22,000	\$22,000						
CT033	n/a	Reconcile Phase 1 & Establish Phase 2 Surveying Budget	\$362,496	\$362,496		8/18/2021	\$362,496		Closed	
CT034	RFI 187	Spray acoustic insulation at elliptical lightwells - not bought out with trade	\$32,000	\$32,000		10/7/2021	\$32,000	10/14/2021	Closed	
CT035		Patch/repair water damage GWB Bldg D&E - rain intrusion priore to windows being installed over course of construction	\$16,252	\$16,252		12/15/2022	\$16,252	1/10/2022	Closed	
CT036	n/a	Quick ship and replace frames. Ph 1 Ensemble Rms, swing spaces	\$8,480	\$8,480		10/7/2021	\$8,480	10/14/2021	Closed	
CT037	n/a	K&K Ceiling go back work at D3 and D4 exterior walls	\$1,486	\$1,486		10/7/2021	\$1,486	10/14/2021	Closed	
CT039		Deletion of projection screen from NEIS scope which was included in Elec. Trade bid.	(\$18,230)	(\$18,230)		10/20/2021	(\$18,230)	11/17/2021	Closed	
CT040		4 storage containers for temp storage of contents for Summer Work. (CR148)	\$4,811		\$4,811	11/9/2021	\$4,811	11/15/2021	Closed	
CT041		RFI-389 - Reframe Electrical Chase due to Duct Conflict - 3rd Flr. Bldg. E (CR172)	\$463	\$463		11/9/2021	\$463	11/15/2021	Closed	
CT042		Revised locations of sanitary napkin dispensers - Bldg D 4th & 5th Fl. (CR176)	\$1,991	\$1,991		11/9/2021	\$1,991	11/15/2021	Closed	
CT043		Furnish New mobile hand sinks noted existing	\$8,599	\$8,599		12/6/2021				

Double check \$1,627,563 \$482,960 \$1,145,003 \$1,596,984 \$30,599

Summary:

GMP Contingency	
Budget	\$5,817,419
Potential	\$30,599
Approved	\$451,981
Balance Remaining after potential and approved	\$5,334,839
Balance Remaining after approved	\$5,365,438

Owner GMP Contingency	
Budget	\$1,150,000
Potential	\$0
Approved	\$1,145,003
Balance Remaining after potential and approved	\$4,997
Balance Remaining after approved	\$4,997

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Hold Letter #	Description	Trans. To Subs:	Hold #	Amount	Date Issued	Date Appr'd by Owner	Total Hold Balance Remaining	HOLD -Temp fence maintenance	HOLD-Trade Support	HOLD-Street Swp & Lab Clean	HOLD-Temp Construction/Con d	2-006	HOLD-Shoring/Brac per SE	2-008	HOLD-Add Air Monit. W/School	HOLD-Unforeseen Conditions	HOLD-Obs. Rem. @ All SOE	HOLD-Add Grnd Improvements	2-405	HOLD-Sum 21 PE Survey	HOLD-Mod. Ex. W. Lot Ret Wall	2-406	HOLD-Sow Plowing Ph. 1	2-407	HOLD-Snow Plow & Sand	2-408	HOLD-BY-PASS for Storm Line	2-409	HOLD-6" Grav @ Bolid L7.09	2-410	HOLD-Conc DB Encas - RFI-131	2-411	2-412	HOLD-Baseline Control/Survey	HOLD-Extra PIFs/Rej PIFs	2-741	HOLD-50hr Down Time Obstruct	2-742	HOLD - Fill Aband Holes W Conc	2-743	HOLD - Disp of Pile Cutoff	2-744	Hold - Trade Support (EBP4	3-111	Hold - Weather Conditions	3-112	Hold - Add Rebar MEP Coord	3-113	HOLD-Trade Support	3-114	HOLD-Insulation Topping Slabs	3-115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
double check: Transferred/to be transfer to date							Budget 4,648,925	12,303	110,000	37,125	100,000	50,000	75,000	60,000	60,000	75,000	50,000	25,000	30,000	40,000	90,000	50,000	70,000	56,000	45,000	56,250	90,000	15,000	9,500	30,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,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			3-116	5-121	5-122	5-123	5-124	5-125	5-126	5-127	5-128	5-129	7-811	8-006	8-007	8-361	8-362	8-363	9-222	9-223	9-224	9-225	9-226	9-227	9-228	9-229	9-230	9-231	9-232	10-651	10-802	10-803	8-005
Hold Letter #	Description	Trans. To Subs:	HOLD-Add'l Reb. MEP Coord	HOLD-Trade Support	GMP Hold - Weather Delay	GMP Hold - Add Pen & Framed Op	GMP Hold - Add Picks for Trade	GMP Hold - Add Stl MEP Fac Coo	GMP Hold - Add Supp Stl CurWal	GMP Hold - Maint & Rem Cab Rai	Baseline Control / Survey	GMP Hold - Crane Pad	HOLD-Add'l Moves & Patching day	HOLD - Temp D/HW MEP Closets	HOLD - Quick Ship Ph. 1 Frames	HOLD-Accordion Fire Door	HOLD-Low Volt Wiring OHG-Cntrl	HOLD-Pocket Door 1,4/A9.7.3	HOLD-Temp Construction Items	HOLD-EBP3 Patch/Rep Plast	HOLD-Inst Temp Plywd @ Skyligh	HOLD - Add'l Blocking for FFE	HOLD-Acc Sealant @ JB's	HOLD-Misc Patch RC Work	HOLD-Additional Firestopping	HOLD - Ins/Tape 1&3/A6.1.3	HOLD-Labor Trade Support	HOLD - Lightwell Staging Sp In	HOLD-8-Line Cntrl & Survey	Pre-drill for Operable Partition	HOLD - EBP3 - FE Cab. Install	HOLD - EBP3 - Inst Salv Locker	HOLD - EBP3 - Quick Ship
			10,000	90,000	30,000	48,000	50,000	192,000	60,000	35,000	20,000	50,000	12,000	1,425	5,000	52,610	5,000	6,000	20,000	4,100	60,000	60,000	150,000	100,000	150,000	50,000	600,000	25,000	63,000	5,000	600	2,000	500
			9,640	90,000	2,797	0	0	51,926	0	15,000	20,000	0	0	1,425	5,000	0	0	0	0	20,000	3,943	5,338	9,013	0	0	0	0	600,000	0	63,000	1,960	0	0
			360	0	27,203	48,000	50,000	140,074	60,000	20,000	0	50,000	12,000	0	0	52,610	5,000	6,000	0	157	54,662	50,987	150,000	100,000	150,000	50,000	0	25,000	0	3,040	600	2,000	0
HT 1	Additional exploratory test pits at West Lot retaining wall	Derenzo																															
HT 2	void																																
HT 3	Baseline Survey	Brennan Surveying									20,000																						
HT 4	Indoor air quality monitoring																																
HT 6	Misc. Framing & Patching	T.J McC. & Color Concept																		3,543													
HT 7	EBP #4 - Plumb & Elec. sleeve	Irvine & Griffin																															
HT 8	Repair Orange barrier at West Lot	Derenzo																															
HT 9	Various Transfer to Gen Requirements	Riggs		90,000															20,000								600,000						
HT 10	Temp lockset for C of O	A&A																		400													500
HT 11	Furnish electrical sleeves in Bldg E foundations	Griffin																															
HT 12	EBP 2 - Install cast iron cleanouts on PVC cleanouts on sewer easement	Derenzo																															
HT 13	EBP 4 - Bldg E Ph. 2/3 columns - added rebar couplers	Riggs	9,640																														
HT 14	Phase 1 baseline/survey	Brennan Surveying																											63,000				
HT15	Quick ship door frames Bldg D L5 & L4. Overage covered CT022. Total Cost is \$5,837	Eaton													5,000																		
HT16	Smoke hatch manual releases at stage level. CCD 007. Previous CR082. VOID	VOID - releases no longer needed																															
HT16.1	Change smoke hatches at Stage Roof to 5'x8' instead of 5/6" - 12'. Change qty to 4 instead of 2.. CCD 007. CR077	Greenwood \$7,054 Colony \$2,154.76																															
HT17	RFI 213 - Vestibule overhand storm pipe column and ceiling conflict	Trimax						1,594																									
HT18	Shoring for Auditorium box girder	Brandsafway																															
HT19	OT during concrete placement due snow melt dripping - weather	Riggs			2,797																												
HT20	Temp cable rail removal Ph 1.	Riggs								15,000																							
HT21	Excavate test pits Schouler Ct. for existing conditions U/G elec.	Derenzo																															
HT22	CCD 6/ASI 031 Modification to Beam 30B59	Trimax						9,811																									
HT23	Permanent SOE Revision	Derenzo																															
HT24	RFI 027.1 - Add steel channel closure plate at stairs - Ph 1	Trimax						4,950																									
CT025	F&I Temp doors and hardware for Mech/Elec Rms. Ph 1. Balance in CT025	Eaton												1,425																			
HT25	Pre-drill steel for Operable Partition Frames	Trimax																												1,960			
HT26	RFI 239 - Additional supports for dunnage Bldg D HVAC units	Trimax						4,457																									
HT27	RFI 271 - Beam Penetrations Rm 326	Trimax						1,139																									
HT28	F/I stairs for access to auditorium dance fl.	Riggs																															
HT29	Temp Roofing for curbs/skylight at Bldg D	Greenwood																			5,338												
HT30	RFI 206 - Addt'l channel to support HRU-9 curb	Trimax						1,876																									
HT31	RFI 280 - Trim steel deck form 14" to 8"	Trimax						2,896																									
HT32	Field install Bldg D davits in lieu of factory install due to timing	Trimax						2,286																									
HT33	RFI 157 Bldg D5 Steel hangers and duct conflict. (CR080)	Trimax						814																									
HT34	RFI 226 Beam penetration in Science Classroom 426. (CR101)	Trimax						3,236																									
HT35	ASI 074 - Beam Penetration at Woodshop 227	Trimax Island						5,579																									
HT36	ASI 069 - Revision to 6/56.2.4 raised HSS Girt, add plates. (CR138)	Trimax Island						1,598																									
HT37	F&I crushed stones for site maint.	Derenzo																															
HT38	Add'l blocking CW heads/sills & locker pods	Colony																				9,013											
HT39	Ph 1 steel revision to submittals/shop drawings. (CR098)	Trimax Island						11,692																									
HT49	UTS and ANT exploratory	Derenzo																															

Hold Letter #	Description	Trans. To Subs:	15	15	14	14	23	23	23	27	27	28	28	29	29	29	30	31	32	32	33	33	33	33	34	35	36	36	37	38	40	41	41	42	42	43	44			
			11-911	11-912	7-262	7-263	12-611	12-612	12-613	TBD	TBD	TBD	TBD	11-061	11-062	11-063	6-604	9-802	9-841	9-842	7-476	7-477	7-478	7-479	7-480	9-641	9-681	9-623	9-622	9-621	9-628	TBD	TBD	TBD	TBD	TBD	3-104	TBD	TBD	
			GMP HOLD-Design Asst Wndw	GMP HOLD-Hoist Support Ph2	HOLD - Geomembrane Pen. Patch	HOLD - Slab Vent Syst Addt Mob	Baseline control & Survey	Storage racks for 30 addt'l seating	Storage off site - seating	Addtl training for fume hood	Fume hood testing	Geomemb penetration & patch	Addtl mobilization	Labor support Theater equip	Smoke hatch closure rigging	Stage fl protection	Addt'l framing, ply wd back up aud. Panels	Patching - \$2,500/day spray acous. Insulation	Supp access for light wells	Trade support	Mock-up bigger than 3'x3'	Custom color Metal Panels	fl. protect during metal panel install	snow removal during metal panel install	Support for ext. column covers	Floor protection-wood fl	Floor protection-carpet	Fl leveling, vapor mitig. Resin/exopy	Spec. power needs - Resin Epoxy floor	Fl. protection Resin expoy floor	Addt'l floor leveling - athlet floor	Misc. items for reloc. lockers	Elec. for window treatment	Projection Screen	Auditorium projection screens	Add'l touch up/repair/mob ilization	Fl. Protection	55 panel to cover cabinets fronts	Supp steel for mat hoist	
			5,000	1,000	60,000	36,000	10,000	1,000	5,000	1,000	5,000	36,800	1,800	50,000	15,000	20,000	45,000	20,000	100,000	50,000	10,000	15,000	60,000	25,000	20,000	25,000	27,000	20,000	10,000	20,132	30,000	5,000	13,000	15,000	10,000	40,000	52,780	10,000	15,000	
			0	0	0	0	10,000	0	0	0	0	0	0	50,000	9,209	20,000	0	0	8,000	50,000	0	0	60,000	0	0	25,000	27,000	0	0	20,132	0	0	0	0	0	0	0	52,780	0	0
			5,000	1,000	60,000	36,000	0	1,000	5,000	1,000	5,000	36,800	1,800	0	5,791	0	45,000	20,000	92,000	0	10,000	15,000	0	25,000	20,000	0	0	20,000	10,000	0	30,000	5,000	13,000	15,000	10,000	40,000	0	10,000	15,000	
HT 1	Additional exploratory test pits at West Lot retaining wall	Derenzo																																						
HT 2	void																																							
HT 3	Baseline Survey	Brennan Surveying																																						
HT 4	Indoor air quality monitoring																																							
HT 6	Misc. Framing & Patching	T.J McC. & Color Concept																																						
HT 7	EBP #4 - Plumb & Elec. sleeve	Irvine & Griffin																																						
HT 8	Repair Orange barrier at West Lot	Derenzo																																						
HT 9	Various Transfer to Gen Requirements	Riggs												50,000		20,000			50,000				60,000			25,000	27,000			20,132						52,780				
HT 10	Temp lockset for C of O	A&A																																						
HT 11	Furnish electrical sleeves in Bldg E foundations	Griffin																																						
HT 12	EBP 2 - Install cast iron cleanouts on PVC cleanouts on sewer easement	Derenzo																																						
HT 13	EBP 4 - Bldg E Ph. 2/3 columns - added rebar couplers	Riggs																																						
HT 14	Phase 1 baseline/survey	Brennan Surveying					10,000																																	
HT15	Quick ship door frames Bldg D L5 & L4. Overage covered CT022. Total Cost is \$5,837	Eaton																																						
HT16	Smoke hatch manual releases at stage level. CCD 007. Previous CR082. VOID	VOID - releases no longer needed																																						
HT16.1	Change smoke hatches at Stage Roof to 5'x8' instead of 5/6" - 12'. Change qty to 4 instead of 2.. CCD 007. CR077	Greenwood \$7,054 Colony \$2,154.76												9,209																										
HT17	RFI 213 - Vestibule overhand storm pipe column and ceiling conflict	Trimax																																						
HT18	Shoring for Auditorium box girder	Brandsafway																																						
HT19	OT during concrete placement due snow melt dripping - weather	Riggs																																						
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HT23	Permanent SOE Revision	Derenzo																																						
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HT27	RFI 271 - Beam Penetrations Rm 326	Trimax																																						
HT28	F/I stairs for access to auditorium dance fl.	Riggs																8,000																						
HT29	Temp Roofing for curbs/skylight at Bldg D	Greenwood																																						
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HT33	RFI 157 Bldg D5 Steel hangers and duct conflict. (CR080)	Trimax																																						
HT34	RFI 226 Beam penetration in Science Classroom 426. (CR101)	Trimax																																						
HT35	ASI 074 - Beam Penetration at Woodshop 227	Trimax Island																																						
HT36	ASI 069 - Revision to 6/56.2.4 raised HSS Girt, add plates. (CR138)	Trimax Island																																						
HT37	F&I crushed stones for site maint.	Derenzo																																						
HT38	Add'l blocking CW heads/sills & locker pods	Colony																																						
HT39	Ph 1 steel revision to submittals/shop drawings. (CR098)	Trimax Island																																						
HT49	UTS and ANT exploratory	Derenzo																																						

			44	45	45	47	47	47	
			TBD	TBD	TBD	TBD	TBD	TBD	
Hold Letter #	Description	Trans. To Subs:	Low Voltage wiring (athletic equip)	On site out of seq. mtl handling	Perimeter anchor trench coord.	Temp top soil, seeding, ground cover	Layout & controls for Phase 4 work	Truck/dispos. Surplus topsoil and import loam Phase 4	
			5,000	50,000	20,000	40,000	50,000	90,000	
			0	0	0	0	0	0	
			5,000	50,000	20,000	40,000	50,000	90,000	
HT 1	Additional exploratory test pits at West Lot retaining wall	Derenzo							
HT 2	void								
HT 3	Baseline Survey	Brennan Surveying							
HT 4	Indoor air quality monitoring								
HT 6	Misc. Framing & Patching	T.J McC. & Color Concept							
HT 7	EBP #4 - Plumb & Elec. sleeve	Irvine & Griffin							
HT 8	Repair Orange barrier at West Lot	Derenzo							
HT 9	Various Transfer to Gen Requirements	Riggs							
HT 10	Temp lockset for C of O	A&A							
HT 11	Furnish electrical sleeves in Bldg E foundations	Griffin							
HT 12	EBP 2 - Install cast iron cleanouts on PVC cleanouts on sewer easement	Derenzo							
HT 13	EBP 4 - Bldg E Ph. 2/3 columns - added rebar couplers	Riggs							
HT 14	Phase 1 baseline/survey	Brennan Surveying							
HT15	Quick ship door frames Bldg D L5 & L4. Overage covered CT022. Total Cost is \$5,837	Eaton							
HT16	Smoke hatch manual releases at stage level. CCD 007. Previous CR082. VOID	VOID - releases no longer needed							
HT16.1	Change smoke hatches at Stage Roof to 5'x8' instead of 5/6" - 12'. Change qty to 4 instead of 2.. CCD 007. CR077	Greenwood \$7,054 Colony \$2,154.76							
HT17	RFI 213 - Vestibule overhand storm pipe column and ceiling conflict	Trimax							
HT18	Shoring for Auditorium box girder	Brandsafway							
HT19	OT during concrete placement due snow melt dripping - weather	Riggs							
HT20	Temp cable rail removal Ph 1.	Riggs							
HT21	Excavate test pits Schouler Ct. for existing conditions U/G elec.	Derenzo							
HT22	CCD 6/ASI 031 Modification to Beam 30B59	Trimax							
HT23	Permanent SOE Revision	Derenzo							
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HT25	Pre-drill steel for Operable Partition Frames	Trimax							
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HT27	RFI 271 - Beam Penetrations Rm 326	Trimax							
HT28	F/I stairs for access to auditorium dance fl.	Riggs							
HT29	Temp Roofing for curbs/skylight at Bldg D	Greenwood							
HT30	RFI 206 - Addt'l channel to support HRU-9 curb	Trimax							
HT31	RFI 280 - Trim steel deck form 14" to 8"	Trimax							
HT32	Field install Bldg D davits in lieu of factory install due to timing	Trimax							
HT33	RFI 157 Bldg D5 Steel hangers and duct conflict. (CR080)	Trimax							
HT34	RFI 226 Beam penetration in Science Classroom 426. (CR101)	Trimax							
HT35	ASI 074 - Beam Penetration at Woodshop 227	Trimax Island							
HT36	ASI 069 - Revision to 6/56.2.4 raised HSS Girt, add plates. (CR138)	Trimax Island							
HT37	F&I crushed stones for site maint.	Derenzo							
HT38	Add'l blocking CW heads/sills & locker pods	Colony							
HT39	Ph 1 steel revision to submittals/shop drawings. (CR098)	Trimax Island							
HT49	UTS and ANT exploratory	Derenzo							



Change Order (CO)

NO: 10

Date of Issuance:

15-February 2022

Project:	Arlington High School	Contract For:	New Construction
Address:	869 Massachusetts Avenue, Arlington MA	Contract Date:	June 26, 2019
Owner:	Town of Arlington		
Address:	730 Massachusetts Avenue Arlington, MA 02476	Project ID:	
From:	HMFH Architects, Inc	To:	Consigli Construction Co., Inc.
Address:	130 Bishop Allen Drive, Cambridge MA 02139	Address:	72 Summer Street, Milford MA

Items included in this Change Order:	Cost:
CR 217R1 ASI-128 Various steel revisions Bldg B.	\$ 6,153.49
CR 245 RFI-342.1 Add condensate drain & piping at Rm 221A.	\$ 6,161.47
CR 264R1 RFI-545 HRCU Electrical discrepancy (mat'l premium).	\$ 13,574.27
CR 273R1 ASI-169 Revisions to Steel Part B and E.	\$ 17,784.78
CR 283 RFI-542 Added Ice-maker drains and piping Bldg D.	\$ 3,457.64
CR 290 ASI-123 Plumb Revs in Kitchen Equip & Elec connection to heat trace.	\$ 8,595.02
CR 301 RFI-533 Added HWSR piping Bldg B 3rd floor.	\$ 15,227.71
CR 313 RFI-476.1 Dressing Room Elec device relocation (T&M).	\$ 3,424.25
CR 316 ASI-186 Revs to Acid-Neutralizing Tank pipe configuration and valves.	\$ 4,467.10

Change Order Total: \$ 78,845.73

THE CONTRACT IS CHANGED AS FOLLOWS:	
Original Contract Sum was:	\$234,287,347.00
Net change by previously authorized Change Order was:	\$ 741,478.01
Contract Sum prior to this Change Order was:	\$235,028,825.01
Contract Sum will be (increased) (decreased) by Change Order in the amount of:	\$ 78,845.73
New Contract Sum including this Change Order will be:	\$235,107,670.74
Contract Time will remain unchanged .	
Date of Substantial Completion as of the date of this Change Order therefore is:	02/14/2022 (Phase 1) 09/19/2023 (Phase 2) 09/18/2024 (Phase 3) 04/25/2025 (Final-Site)

NOTE: This Change Order does not include changes in the Contract Sum, Contract Time or Guaranteed Maximum Price, which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Architect HMFH Architects, Inc. 130 Bishop Allen Drive. Cambridge, MA	Owner's Project Manager Skanska USA Building, Inc. 101 Seaport Boulevard, Suite 200 Boston, MA 02210	Construction Manager Consigli Construction Co., Inc. 72 Summer Street Milford, MA 01757
		
BY (Signature) Arthur Duffy	BY (Signature) Jim Burrows	BY (Signature) John LaMarre
02/15/2022		
Date	Date	Date

Town Manager Adam Chapdelaine 730 Massachusetts Avenue Arlington MA, 02476		
BY (Signature) Adam Chapdelaine	BY (Signature)	BY (Signature)
Date	Date	Date

Attachments:	Consigli CR's 217R1, 245, 264R1, 273R1, 283, 290, 301, 313, 316	
Distribution:	<input checked="" type="checkbox"/> Owner – Adam Chapdelaine	<input checked="" type="checkbox"/> Architect – Arthur Duffy, Lori Cowles HMFH Architects, Inc.
	<input checked="" type="checkbox"/> OPM – Jim Burrows, Sy Nguyen, Hal Raymond, Victoria Clifford Skanska USA Building, Inc.	<input checked="" type="checkbox"/> Contractor – John LaMarre, Todd McCabe, Chris Weber, David Dockendorf Consigli Construction Co., Inc.
	<input checked="" type="checkbox"/> Field – C. McWilliams, T. DeRosa Consigli Construction Co, Inc.	<input type="checkbox"/> Other–



Change Request

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR217
Date: 8/7/21
Job: 2153 Arlington High School
Phone:

Description: ASI-126 - Various Steel Revisions Bldg. B_Sub. 120121

Source: ASI # 126

We offer the following specifications and pricing to make the changes as described below:

**CR217R1 includes revised Riggs pricing and Trimax responses to HMFH/FBRA Review comments on CR217. Trimax costs remain as initially submitted.

CR217 includes costs associated with ASI-126 - Various Steel Revisions Bldg. B dated 7/27/21 issued by HMFH. Please see attached Trimax pricing for itemized schedule of added/deleted steel members and associated tonnage. Additional concrete cost impacts for added column box out, anchor bolts, and grouting are also included.

Assumptions & Qualifications:

- Costs associated with overtime/acceleration are not included
- CCC has proceeded with this scope in order to maintain project schedule.
- Upon approval 217, Steel costs to be funded from GMP Allowance for Phase 2/3 Steel (24-039)

Please see attached pricing and associated backup for additional information.

Description	Labor	Material	Equipment	Subcontract	Other	Price
TX-COR-1010 dated 10/5/21				\$5,288.80		\$5,288.80
Riggs Concrete - Ph. 2-4 - CR217 dated 11/22/21				\$381.70		\$381.70
					Subtotal:	\$5,670.50
			Bond (.75%)	\$5,670.50		\$42.53
			General Liability (1.2%)	\$5,670.50		\$68.05
			Subguard (1.4%)	\$5,670.50		\$79.39
			OH&P (5% subs, 10% self perform)	\$5,860.47		\$293.02
					Total:	\$6,153.49

☐ SCHEDULE IMPACT

☒ We have proceeded with this change to achieve schedule.

☐ As directed, we will not proceed with this change until formal direction from OWNER is received.

**Change Request**

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR217
Date: 8/7/21
Job: 2153 Arlington High School
Phone:

ARCHITECT

Consigli Construction Co., Inc.

CONTRACTOR
72 Sumner Street
M...

OWNER

(Signature)

Arthur Duffy

By

02/14/2022

Date

(Signature)

John LaMarre

By

2/10/22

Date

(Signature)

Jim Burrows

By

2/15/2022

Date

**RECEIVED**

12.01.2021

**FOLEY BUHL ROBERTS
& ASSOCIATES, INC.****Change Request**

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR217
Date: 8/7/21
Job: 2153 Arlington High School
Phone:

FBRA Review
comments in red/yellow.
01/03/2022

Description: ASI-126 - Various Steel Revisions Bldg. B_Sub. 120121

Source: ASI # 126

We offer the following specifications and pricing to make the changes as described below:

CR217 includes costs associated with ASI-126 - Various Steel Revisions Bldg. B dated 7/27/21 issued by HMFH. Please see attached Trimax pricing for itemized schedule of added/deleted steel member and associated tonnage. Additional concrete cost impacts for added column box out, anchor bolts, and grouting are also included.

Assumptions & Qualifications:

- Costs associated with overtime/acceleration are not included
- CCC has proceeded with this scope in order to maintain project schedule
- Upon approval 217, Steel costs to be funded from GMP Allowance for Phase 2/ Steel (24-039)

Please see attached pricing and associated backup for additional information.

Description	Lab	Material	Equipment	Subcontract	Other	Price
TX-COR-1010 dated 10/5/21				\$5,288.80		\$5,288.80
Riggs Concrete - Ph. 2-4 - CR217 dated 11/22/21				\$699.60		\$699.60
					Subtotal:	\$5,988.40
		Bond (.75%)		\$5,988.40		\$44.91
		General Liability (1.2%)		\$5,988.40		\$71.86
		Subguard (1.4%)		\$5,988.40		\$83.84
		OH&P (5% subs, 10% self perform)		\$6,189.01		\$309.45
					Total:	\$6,498.46

☐ SCHEDULE IMPACT

☒ We have proceeded with this change to achieve schedule.

☐ As directed, we will not proceed with this change until formal direction from OWNER is received.

ARCHITECT

Consigli Construction Co., Inc.

CONTRACTOR

OWNER

(Signature)

(Signature)

John LaMarre

John LaMarre

(Signature)

By

By

12/01/21

By

Date

Date

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

72 Sumner Street, Milford MA 01757 • phone: 508-473-2580 • fax: 508-473-3588 • web: www.consigli.com

Hartford CT • Portland ME • Milford MA

RECEIVED
7/27/2021 2:53

CCC - CR217R1

H M
F H

ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS _____

ASI: 126

date: 7.27.2021

subject: Various structural steel revisions Phase 2 Part b

to: Chris Weber **from:** Arthur Duffy

project id: 408417

project: Arlington High School

distribution: ☒ Skanska ☒ Consigli
☒ HMFH Architects ☒ Other: FBRA

reference: Drawings S2.0b, S2.1b, S4.1b.2, S4.2.2, S6.2.4, S6.2.5, S6.2.10,

attachments: Sketches SKS-171 to SKS-176

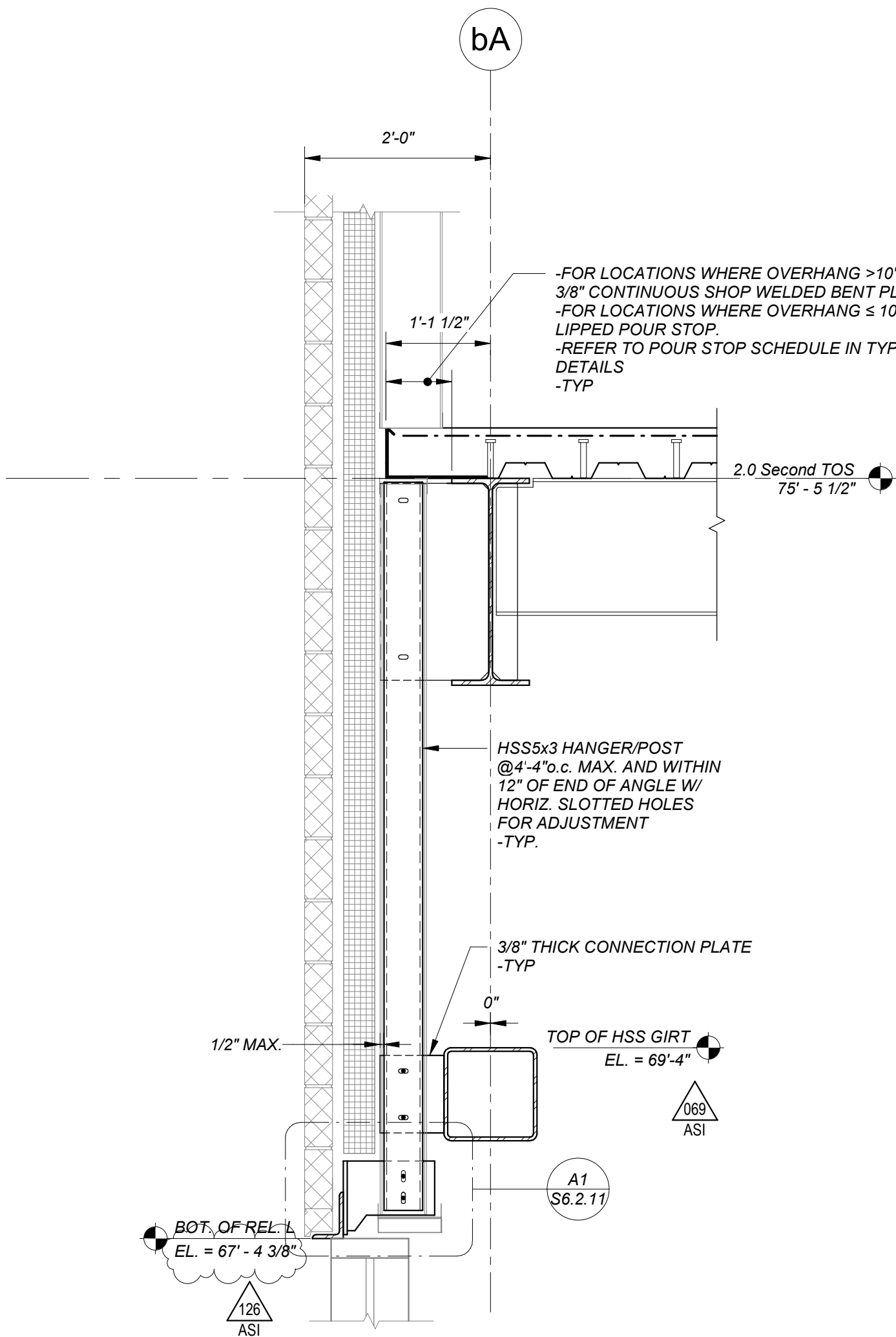
OFFICE. (617) 492 2200
FAX. (617) 876 9775

130 Bishop Allen Drive
Cambridge, MA 02139

hmfh.com

The Work shall be carried out in accordance with the following Supplemental Instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgement that there will be no change in the Contract Sum or Contract time.

Various Steel revisions Part b.
(these items are being annotated on steel shop drawings).



Elevation dimension revision

6 SECTION
3/4" = 1'-0"

REF.: 6/S6.2.4

ASI 126

structural engineers
FoleyBuhlRoberts
& ASSOCIATES INC

T 617-527-9600 2150 Washington St.
F 617-527-9606 www.fbra.com Newton MA 02462

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

HMFH

ARLINGTON HIGH SCHOOL

Massachusetts Avenue, Arlington, Massachusetts

Revision to Sect 6 on S6.2.4 -

Updated Relieving Angle Elevation

SCALE: 3/4" = 1'-0" DATE: 07/23/21 DRAWN: LC CHECKED: JEG

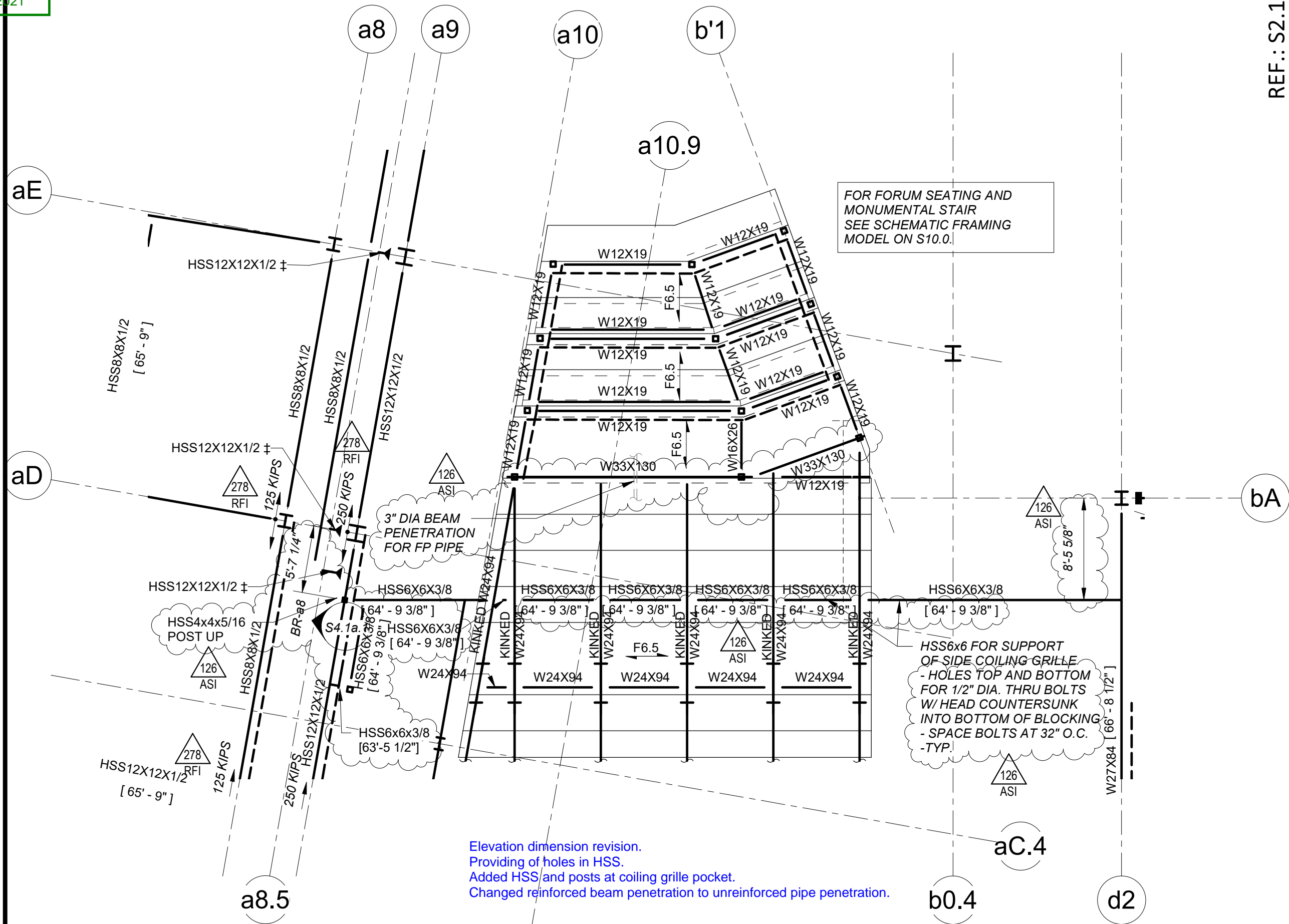
DRAWING NUMBER

SKS
171

JOB NUMBER

2017172

RECEIVED
7/27/2021 2153



UPPER FIRST FLOOR FRAMING PLAN - PART B

1/8" = 1'-0"

Elevation dimension revision.
Providing of holes in HSS.
Added HSS and posts at coiling grille pocket.
Changed reinforced beam penetration to unreinforced pipe penetration.

REF.: S2.1b

ASI 126

CCC - CR217R1
DRAWING NUMBER
SKS
172

JOB NUMBER
2017172

ARLINGTON HIGH SCHOOL
Massachusetts Avenue, Arlington, Massachusetts
Revisions to Part B Monumental Stair / Forum Framing
and Coiling Grille Support Framing

SCALE: 1/8" = 1'-0" DATE: 07/23/21 DRAWN: LC CHECKED: JEG

FoleyBuhlRoberts
& ASSOCIATES INC
structural
engineers

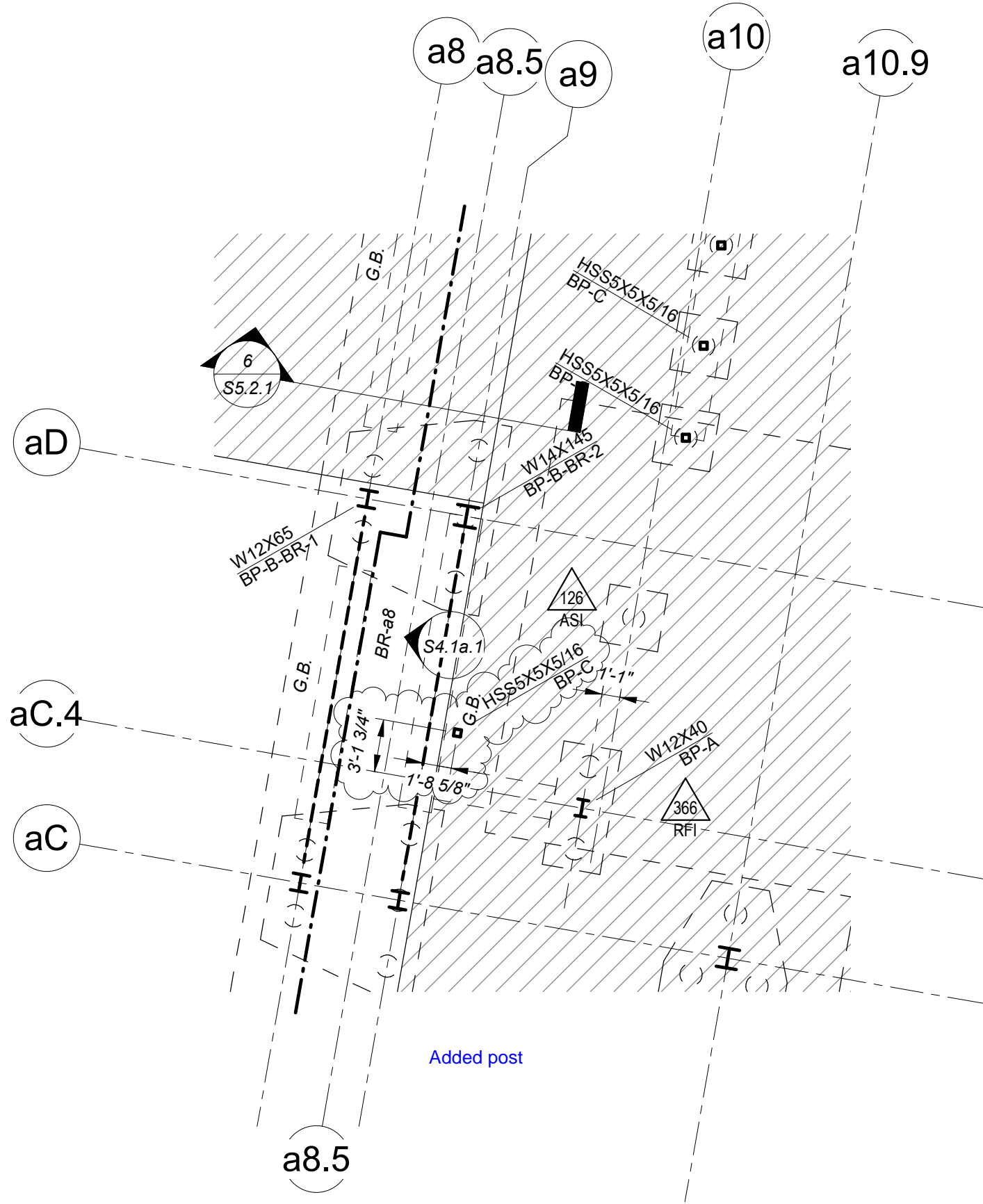
2150 Washington St.
Newton MA 02462
T 617-527-9600
F 617-527-9606
www.fbra.com

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

HMFH

RECEIVED
7/27/2021 2153



FIRST FLOOR FOUNDATION PLAN - PART B
1/8" = 1'-0"

REF.: S2.02b

FoleyBuhlRoberts
structural
engineers
T 617-527-9600
F 617-527-9606
www.fbra.com

& ASSOCIATES INC
2150 Washington St.
Newton MA 02462

ASI 126

ARLINGTON HIGH SCHOOL
Massachusetts Avenue, Arlington, Massachusetts
Revisions to Part B First Floor - New Post for Coiling
Grille Door Support

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

HMFH

CCC - CR217R1
SKS
DRAWING NUMBER

173

SCALE: 1/8" = 1'-0" DATE: 07/23/21 DRAWN: JEG CHECKED: JEG

JOB NUMBER 2017172

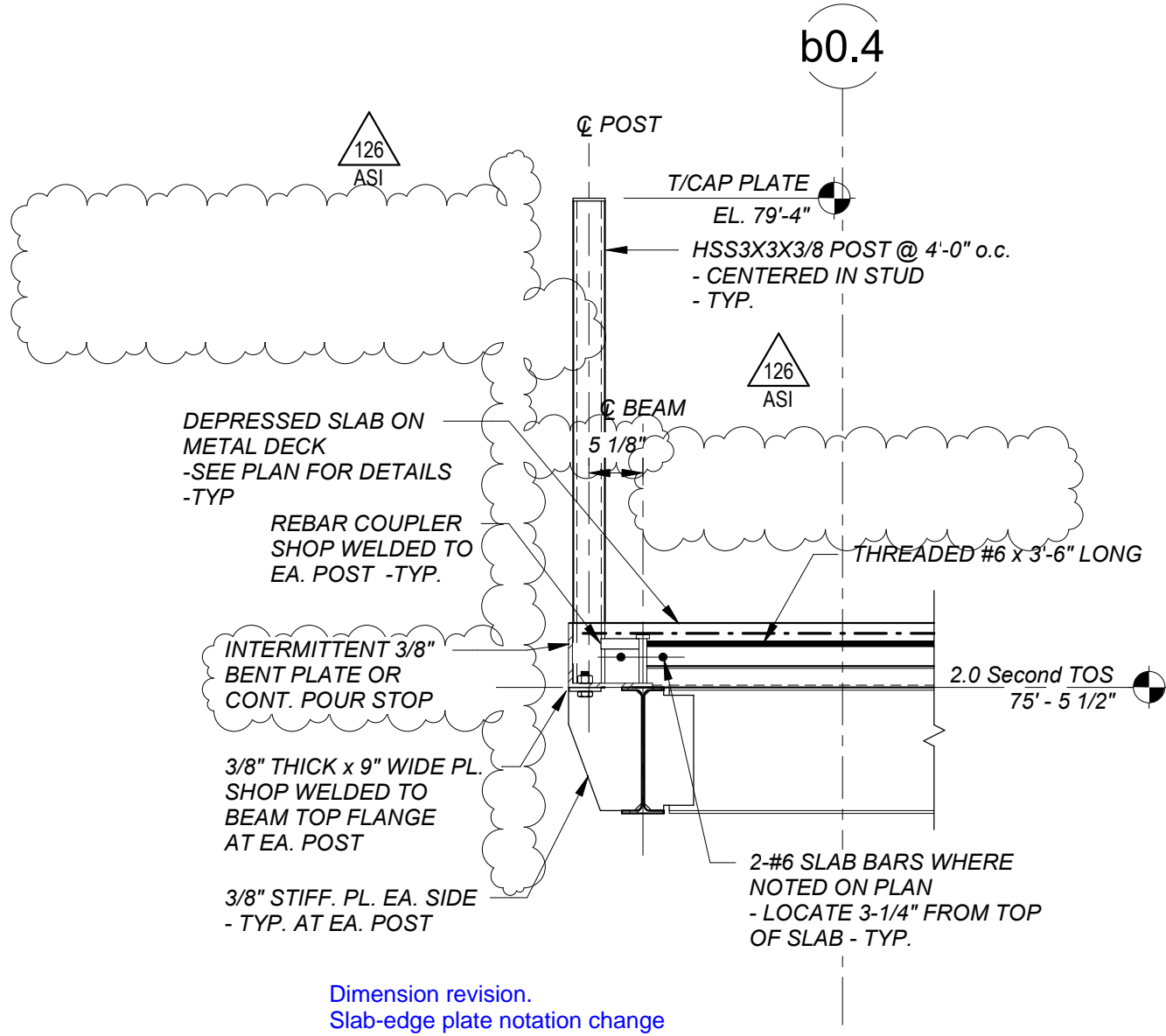
REF.: S6.2.10

ASI 126

CCC - CR217R1

DRAWING NUMBER
SKS
174

JOB NUMBER
2017172



2

SECTION

3/4" = 1'-0"

FoleyBuhlRoberts
structural
engineers & ASSOCIATES INC

T 617-527-9600
F 617-527-9606
www.fbra.com

2150 Washington St.
Newton MA 02462

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

H M
F H

ARLINGTON HIGH SCHOOL
Massachusetts Avenue, Arlington, Massachusetts
Revision to Section 2 on S6.2.10

SCALE: 3/4" = 1'-0" DATE: 07/26/21 DRAWN: LC CHECKED: JEG

REF.: S4.2.2
S4.1b.2

ASI 126

CCC - CR217R1

DRAWING NUMBER
SKS
175

JOB NUMBER
2017172

ARLINGTON HIGH SCHOOL
Massachusetts Avenue, Arlington, Massachusetts
Revisions to BR-bE-1 at Roof and
New Eccentric Brace Frame Detail

SCALE: As indicated DATE: 07/27/21 DRAWN: LC CHECKED: JEG

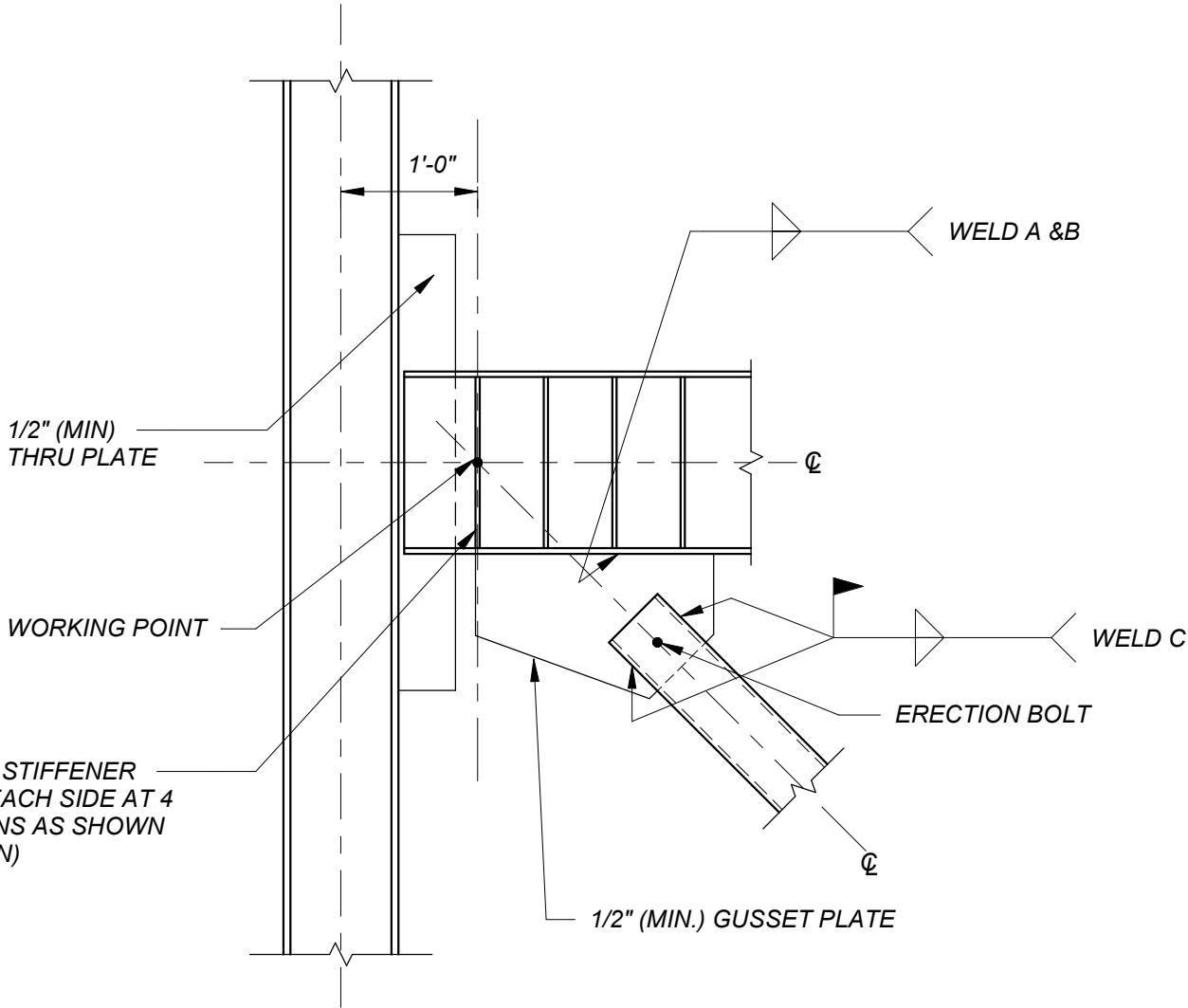
FoleyBuhlRoberts
& ASSOCIATES INC
structural
engineers

T 617-527-9600 2150 Washington St.
F 617-527-9606 www.fbra.com Newton MA 02462

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

HMFH

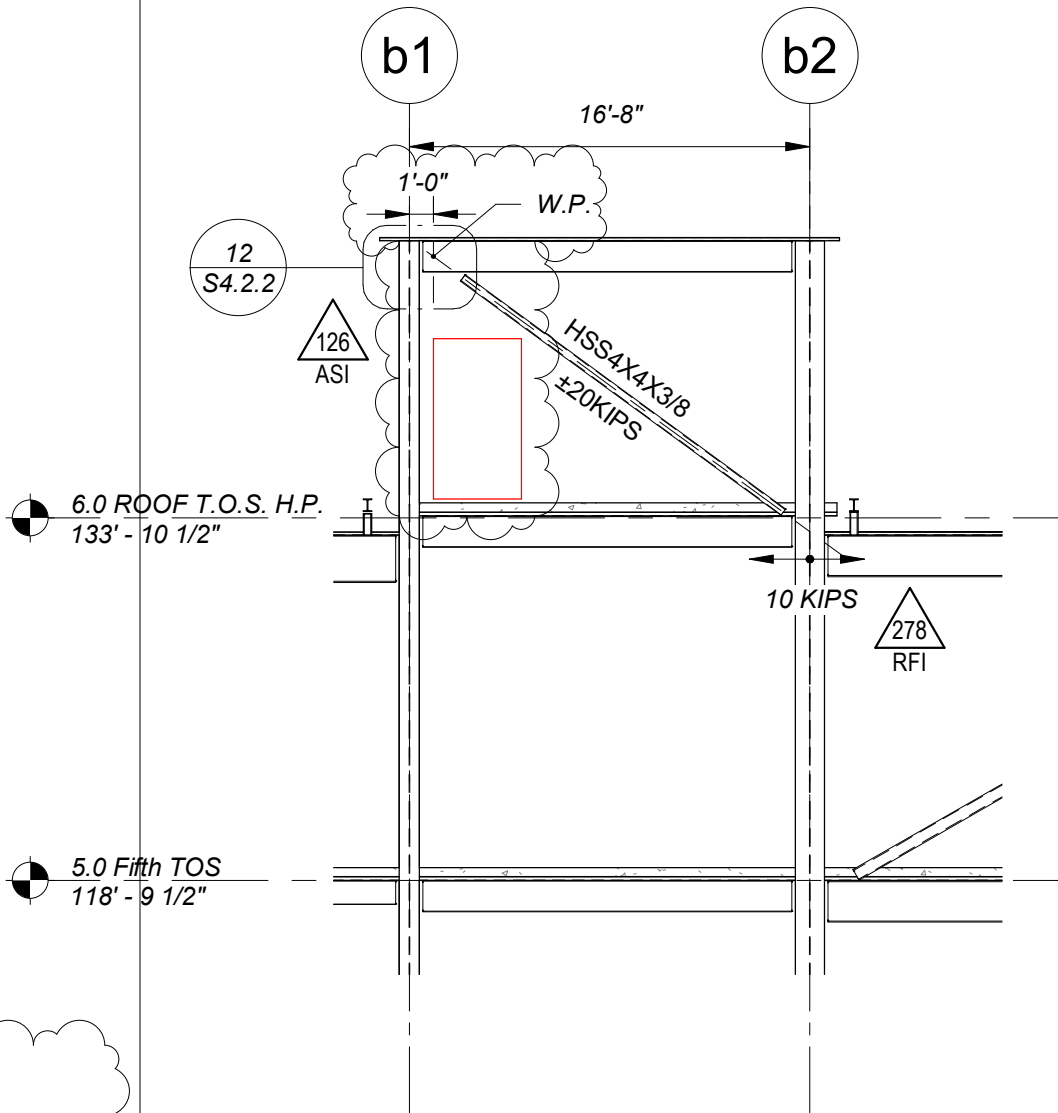


W COL TO W BEAM ECCENTRIC BRACE DETAIL

STEEL BRACE CONSTRUCTION

BF12

126
ASI



Revision to brace connection detail
(note- affects steel pieces 6B106 and 6X9)

BR-bE-1

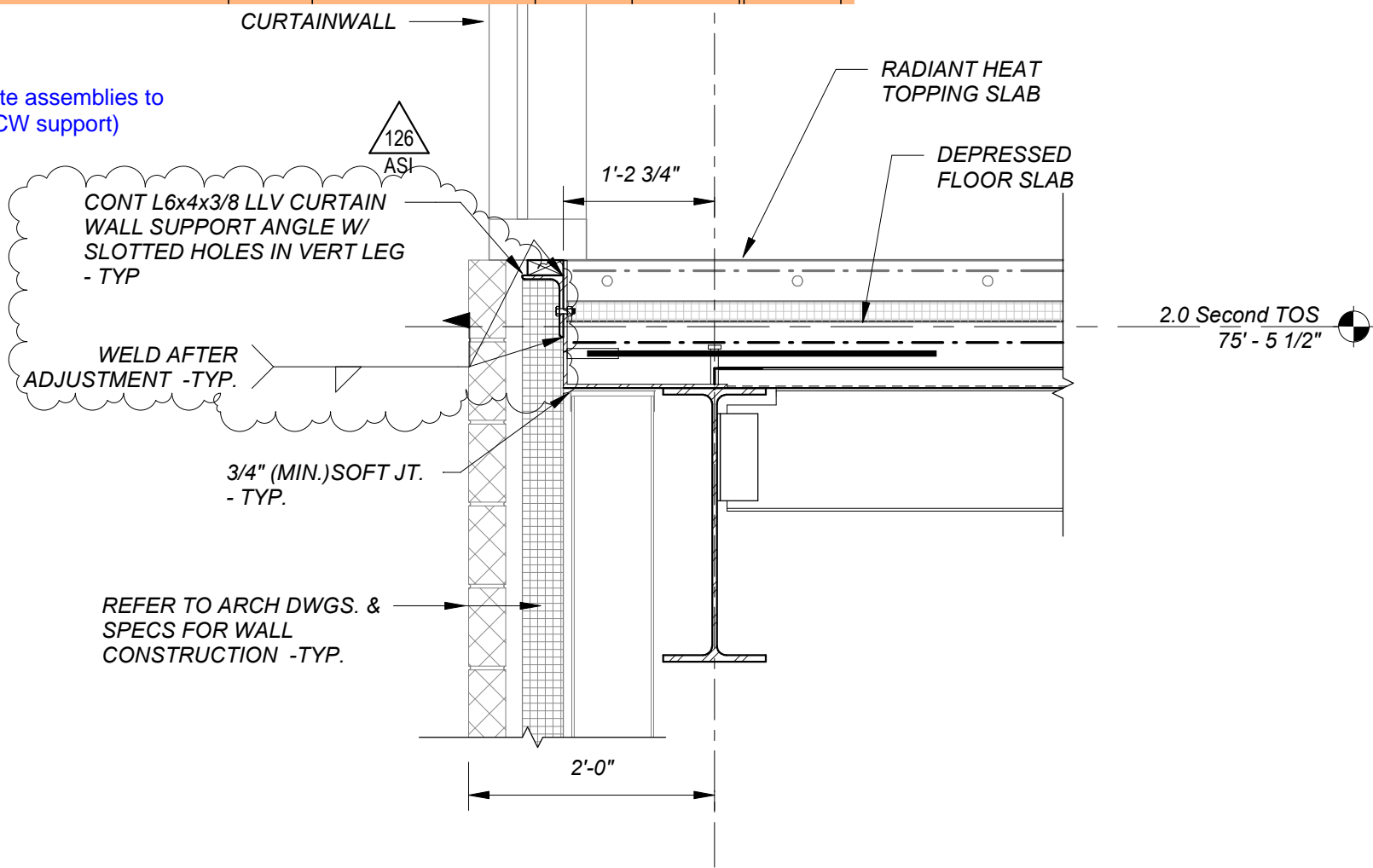
1/8" = 1'-0"

RECEIVED
7/27/2021 2153

EXTRA					
Location	QTY	Description	length (FT)	Total weight	QTY
SKS172					
1-HSS4x4x5/16 Added	1	HSS4x4x5/16 14,83	1,5	22,25	
1-HSS6x6x3/8 Added	1	HSS6x6x3/8 27,48	7,5	206,10	
1-HSS6x6x3/8 Added	1	HSS6x6x3/8 27,48	1,75	48,09	
SKS173					
1-HSS5x5x5/16 Added	1	HSS5x5x5/16 19,08	8,75	166,95	
SKS-175					
8-PL3/8x15"x3" Added	8	PL3/8 3,83	1,25	38,30	
1-PL1/2"x24"x6"	1	PL1/2 10,21	2	20,42	
SKS-176					
1-L6x4x3/8 Added		L6x4x3/8 12,3	34,334	422,31	
17-L4x4x3/8 Removed					17
17-PL3/8x4"x4" Removed					17

Clarify what this is

Changed intermittent plate assemblies to continuous steel angle (CW support)



13 SECTION
3/4" = 1'-0"

REF.: 13/S6.2.5

ASI 126

CCC - CR217R1

DRAWING NUMBER

SKS176

JOB NUMBER

2017172

ARLINGTON HIGH SCHOOL
Massachusetts Avenue, Arlington, Massachusetts
Revisions to Section 13 on S6.2.5

FoleyBuhlRoberts
& ASSOCIATES INC
structural
engineers

T 617-527-9600
F 617-527-9606
www.fbra.com

2150 Washington St.
Newton MA 02462

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

HMFH

SCALE: 3/4" = 1'-0" DATE: 07/27/21 DRAWN: LC CHECKED: JEG

TX-COR-1010 (ASI-126)

CHANGE ORDER REQUEST

2021-10-05 21008 ARLINGTON PHASE 2 & 3
Date Folder Project

CONSIGLI CONSTRUCTION CO INC.
Client

Description

Cost adjustments regarding ASI-126.

CODE	QUANTITY	DESCRIPTION	ITEM	UNIT PRICE	PRICE
	930,0 lbs	Steel - NM		1,35	1 255,50
	5,0 hrs	Fabrication - NM		85,00	425,00
	,5 ton	Installation -NM		1 650,00	775,50
	16,0 hrs	Drafting - NM		65,00	1 040,00
	8,0 hrs	Engineering - NM		120,00	960,00
	1,0	Bonding - NM		39,00	39,00
	2,0 hrs	Coordination - NM		110,00	220,00
	930,0 tr	Site Transport - NM		0,10	93,00

Drafting time/cost seems high for the ASI changes.

Consigli to review/confirm unit price. For Phase 1 change orders this was 0.95, then this became 1.10, then for CR175 this showed 1.25, and now 1.35?

Accounts for numerous price increases on raw steel.

Clarify what this bonding charge is for.

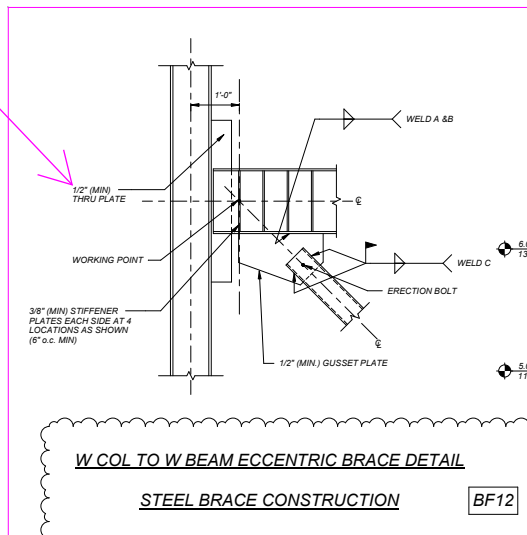
Material and performance bond

PRICE GOOD FOR 10 DAYS

If a P.O. is necessary to proceed with the above mentioned work, please forward immediatly via fax before beginning of work. If we do not receive a P.O. we will consider that you accept our price and that you authorize us to perform the extra work wich will be fully paid and compasated.

SUBTOTAL (USD) : 4 808,00 ✓
10,0% overhead&Profit : 480,80 ✓
TOTAL (USD) : 5 288,80 ✓

Total:	149,33
--------	--------





Change Request

To:

Number: CR217

Date: 11/22/21

Job: 2521 Arlington HS - Phase 2

Phone:

Description: ASI-126 - Various Steel Revs Bldg. B - Concrete Only

Source: ASI # 126

We offer the following specifications and pricing to make the changes as described below:

CR217 includes Riggs Concrete costs associated with additional concrete and reinforcement scope as outlined in ASI-105.

Please below and attached for breakdown and additional information.

Description	Labor	Material	Equipment	Subcontract	Other	Price
Set Anchor Bolts - Added HSS 5x5x5/16 Level 1 SKS-173 - 1ea	\$139.00					\$139.00
Set & Grout Base/Leveling Plates - Added HSS 5x5x5/16 Level 1 SKS-173 - 1ea	\$204.00	\$4.00				\$208.00
					Subtotal:	\$347.00
			10% OH&P			\$34.70
					Total:	\$381.70

☐ SCHEDULE IMPACT☐ We have proceeded with this change to achieve schedule.☐ As directed, we will not proceed with this change until formal direction from OWNER is received.

ARCHITECT

Riggs Contracting Inc.

CONTRACTOR

72 Sumner Street

Milford, MA 01757

OWNER

(Signature)

(Signature)

(Signature)

By

By

By

Date

Date

Date

Riggs Contracting, Inc.

Construction Managers and General Contractors

72 Sumner Street, Milford MA 01757 • phone: 508-473-2580 • fax: 508-473-3588 • web: www.consigli.com

Hartford CT • Washington DC • Portland ME • Boston MA • Milford MA • Albany NY • New York NY • Pleasant Valley NY • Ronkonkoma NY



Change Request

To:

Number: CR217

Date: 11/22/21

Job: 2521 Arlington HS - Phase 2

Phone:

Description: ASI-126 - Various Steel Revs Bldg. B - Concrete Only

Source: ASI # 126

We offer the following specifications and pricing to make the changes as described below.

CR217 includes Riggs Concrete costs associated with additional concrete and reinforcement scope as outlined in ASI-105.
Please below and attached for breakdown and additional information.

Description	Labor	Material	Equipment	Subcontract	Other	Price
Form/Strip Interior Column Box Outs - Added HSS 5x5x5/16 Level 1 SKS-173 - 1ea	\$279.00	\$0.00				\$289.00
Set Anchor Bolts - Added HSS 5x5x5/16 Level 1 SKS-173 - 1ea	\$139.00					\$139.00
Set & Grout Base/Leveling Plates - Added HSS 5x5x5/16 Level 1 SKS-173 - 1ea	\$204.00	\$4.00				\$208.00
					Subtotal:	\$636.00
			10% OH&P			\$63.60
					Total:	\$699.60

No box out here, b/c this post will sit on top of structural slab. Update cost accordingly.

revised
accordingly

☐ SCHEDULE IMPACT

☐ We have proceeded with this change to achieve schedule.

☐ As directed, we will not proceed with this change until formal direction from OWNER is received.

ARCHITECT

Riggs Contracting Inc.

CONTRACTOR

72 Sumner Street

Milford, MA 01757

OWNER

(Signature)

(Signature)

(Signature)

By

By

By

Date

Date

Date



Change Request

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR245
Date: 9/22/21
Job: 2153 Arlington High School
Phone:

Description: RFI #342.3 Added Condensate Drain Pipe at Rm 221A_Sub, 020522

We offer the following specifications and pricing to make the changes as described below:

CR245 includes costs associated with RFI-342.3 - Missing Condensate Pipe for FCU-8-D-2 in Art Storage 221A (BuildingD) response dated 9/22/21 issued by HMFH. Per RFI response, an added condensate receptor to be added behind the GWB wall to allow for connection to the storm drain. Please see below scope impacts and associated backup attached for additional information.

Drywall (Colony):

- Remove GWB for Access
- Replace GWB/Patch/Tape/Sand

Plumbing (EAS):

- Cut in WYE, P-Trap, Condensate Receptor

HVAC (PJ Kennedy):

- Install condensate piping from unit across ceiling and down inwall

Assumptions & Qualifications:

- CCC has proceeded with this scope in order to maintain schedule
- Costs associated with Overtime/Acceleration are not included
- Costs associated with repainting are not included

Description	Labor	Material	Equipment	Subcontract	Other	Price
Colony Drywall - COP#124 dated 12/8/21				\$1,589.53		\$1,589.53
EAS - PCO#10 dated 9/30/21				\$2,717.00		\$2,717.00
PJ Kennedy - PCO#012 dated 10/5/21				\$1,427.47		\$1,427.47
					Subtotal:	\$5,734.00
			Bond (.75%)	\$5,734.00		\$43.01
			General Liability (1.2%)	\$5,734.00		\$68.81
			Subguard (1.4%)	\$1,589.53		\$22.25
			OH&P (5% subs, 10% self perform)	\$5,868.07		\$293.40
					Total:	\$6,161.47

☐ SCHEDULE IMPACT

☒ We have proceeded with this change to achieve schedule.

☐ As directed, we will not proceed with this change until formal direction from OWNER is received.

**Change Request**

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR245
Date: 9/22/21
Job: 2153 Arlington High School
Phone:

ARCHITECT

Consigli Construction Co., Inc.

CONTRACTOR
72 Sumner Street
Milford, MA 01757

OWNER

(Signature)

Arthur Duffy

By

02/14/2022

Date

(Signature)

John LaMarre

By

2/05/22

Date

(Signature)

Jim Burrows

By

2/15/2022

Date

Weber, Chris

From: Dockendorf, David
Sent: Wednesday, September 22, 2021 3:09 PM
To: Arthur Duffy; Jim Burrows; Sy Nguyen
Cc: Weber, Chris; McWilliams, Chuck; LaMarre, John; Alan Pemstein
Subject: ArlHS RFI #342.3 Added Condensate Pipe Room 221A (Building D) NOC

Arthur, Jim, Sy,

We are in receipt of RFI #342.3 – Condensate piping receptor at storm pipe issued by HMFH 9/22/21. This RFI response will have a cost impact to add this condensate receptor piping behind the drywall to allow the connection to the storm drain.

The drywall has already been installed at this location and has been painted. This would require the wall to get opened up locally, storm pipe modified, wye/p-trap installed and receptor installed, and drywall reinstalled and finished.

The rough order of magnitude (ROM) breakdown for this scope is:

Drywall (M)	\$750	
Drywall (L) (demo, install drywall, tape/sand = 10 hours x \$110)	\$1,100	
Plumbing (M)	\$1,500	
Plumbing (L) (cut in wye, p-trap/receptor = 24 hours x \$120)	\$2,880	
Mech (M)	\$1,000	
Mech (L) (install condensate piping from unit across ceiling and down inwall = 16 hours x \$120)	\$1,920	
Painter (M)	\$100	
Painter (L) (prime, first coat, second coat = 8 hours x \$110)	\$880	

ROM total: \$10,000

Consigli is proceeding with this direction provided in RFI #342.3. Should any objection to this scope proceeding, Please notify Consigli within the next 24 hours.

These additional costs are being tracked in CR-245.

Thanks,

Dave

From: Arthur Duffy (HMFH Architects) <Consigli_Notifications@procoretech.com>

Sent: Wednesday, September 22, 2021 8:27 AM

To: Dockendorf, David <ddockendorf@consigli.com>

Subject: Arlington High School: Response to RFI #342.3 (Missing Condensate Pipe for FCU-8-D-2 in Art Storage 221A (Building D) (PJK RFI #64))

Arlington High School



More details: [View online](#) [Open In App](#)



Missing Condensate Pipe for FCU-8-D-2 in Art Storage 221A (Building D) (PJK RFI #64)

TO:	Stephanie MacNeil (HMFH Architects) Arthur Duffy (HMFH Architects)	FROM:	Kevin Samya (Consigli Construction Co., Inc.) 72 Sumner Street Milford, Massachusetts 01757
DATE INITIATED:	09/03/2021	STATUS:	Open
LOCATION:	Building D	DUE DATE:	09/08/2021
COST CODE:		REFERENCE:	PJK RFI #64
COST IMPACT:	TBD	SCHEDULE IMPACT:	TBD
DRAWING NUMBER:	M3.2d	SPEC SECTION:	230000 - Heating, Ventilating, and Air Conditioning (HVAC)
RECEIVED FROM:	William Gray (P.J. Kennedy & Sons)		

COPIES TO:

CA Bala (Bala Consulting Engineers), Gil Castera (Bala), Victoria Clifford (Skanska USA Inc.), Greg Cmar (Interval Data Systems), Patrick Condon (Consigli Construction Co., Inc.), Ken Davis (Bala Consulting Engineers), Tom DeRosa (Consigli Construction Co., Inc.), David Dockendorf (Consigli Construction Co., Inc.), Arthur Duffy (HMFH Architects), Jim Fikiet (Skanska USA Inc.), Ryan Flynn (Bala Consulting Engineers), Vianely Franco (HMFH Architects), Kevin Fuller (Interval Data Systems), Mike Gagne (Interval Data Systems), Bill Gnerre (Interval Data Systems), George Hines (Bala Consulting Engineers), John LaMarre (Consigli Construction Co., Inc.), William Lentz (Bala Consulting Engineers), Stephanie MacNeil (HMFH Architects), Scott Martino (Consigli Construction Co., Inc.), Chuck McWilliams (Consigli Construction Co., Inc.), Reid Mullett (Rist-Frost-Shumway Engineering (RFS)), Sy Nguyen (Skanska USA Inc.), Fran Patnode (Rist-Frost-Shumway Engineering (RFS)), Hal Raymond (Skanska USA Inc.), Richard Rivera (Bala Consulting Engineers), David Rockwood (Consigli Construction Co., Inc.), Kevin Samya (Consigli Construction Co., Inc.), Mason Saunders (Consigli Construction Co., Inc.), Chris Weber (Consigli Construction Co., Inc.)

Question from Kevin Samya (Consigli Construction Co., Inc.) at 10:56 AM on 09/03/2021

Please reference the attached PJK RFI #64. Please reference HVAC Drawing M3.2d.

FCU-8-D-2 in Art Storage 221A does not have condensate pipe serving the piece of equipment and it is believed the equipment will need it. If the condensate pipe is required, there are no local condensate receptors to accommodate condensate pipe. We propose terminating the condensate pipe to the exterior of the building and terminate at 3'5" above grade; similar to RFI #290 for Woodshop 227 FCU's.

Confirm whether or not condensate pipe is needed for FCU-8-D-2. Please confirm if the proposed solution is acceptable or provide an alternate solution. Please provide a sketch for the intended design.

Attachments:

[RFI #342.3 - Missing Condensate Pipe for FCU-8-D-2 in Art Storage 221A \(Building D\) \(PJK RFI #64\).pdf](#)

Awaiting an Official Response

All Replies:

Fan Coil Unit FCU 8-D-2 requires a condensate drain. Drain shall be terminated in new condensate receptor. Refer to attached Sketches.

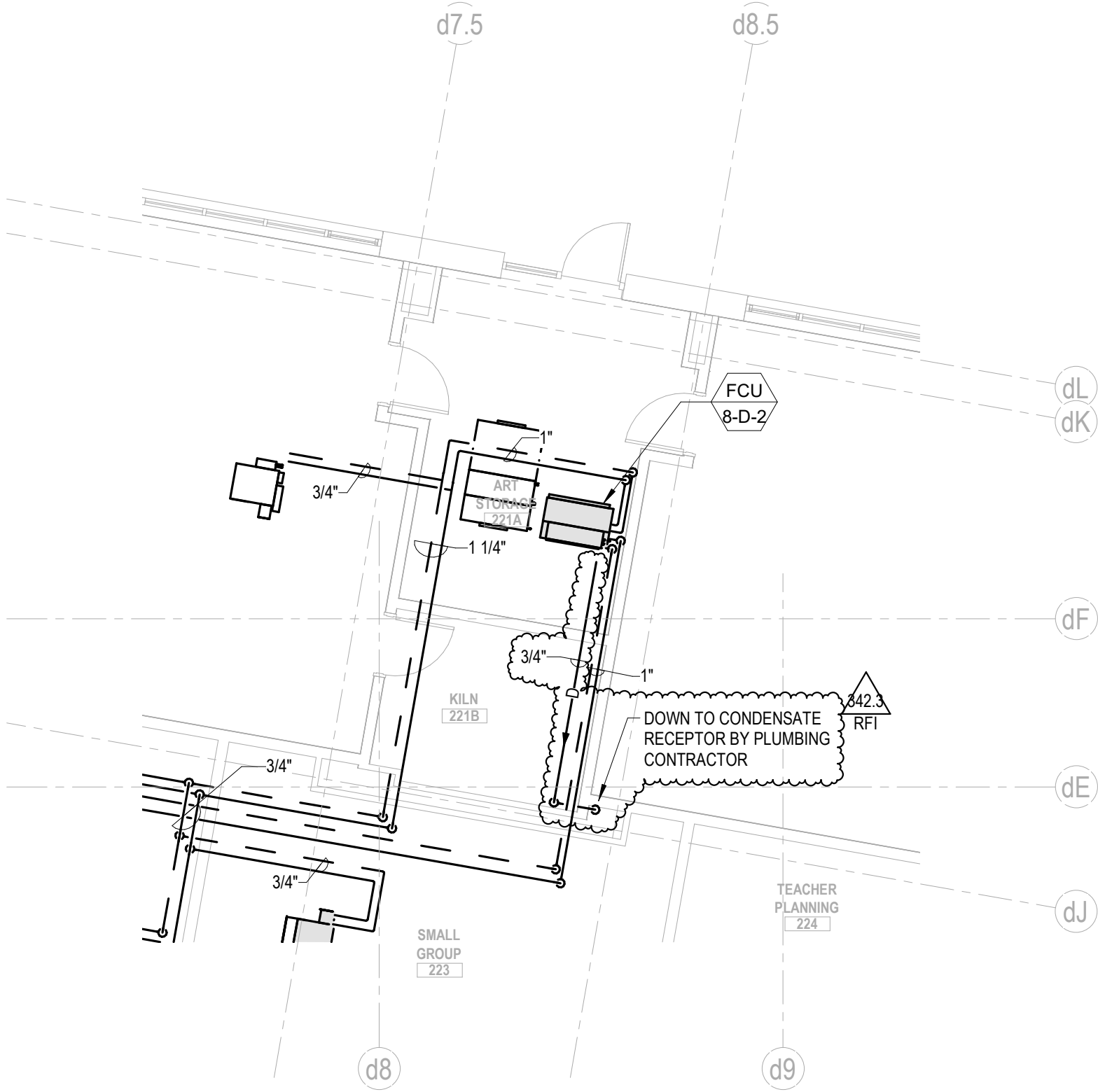
J. Ryan Flynn - BALA
BY

9/22/2021
DATE

COPIES TO


09/22/2021

72 Sumner Street
Milford, Massachusetts 01757



BALA
ENGINEERS
Bala Consultants Engineers, Inc.
50 Temple Place
Cambridge, MA 02139
Tel: 617 492 2200
Fax: 617 492 2201
www.bala.com

REF. DWG. M3.2d RFI-342.3

H M F H ARCHITECTS

Arlington High School

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

ADDITION OF FCU CONDENSATE PIPING

SCALE: 1/8" = 1'-0" DATE: 09/22/21 DRAWN: JRF CHECKED: JRF

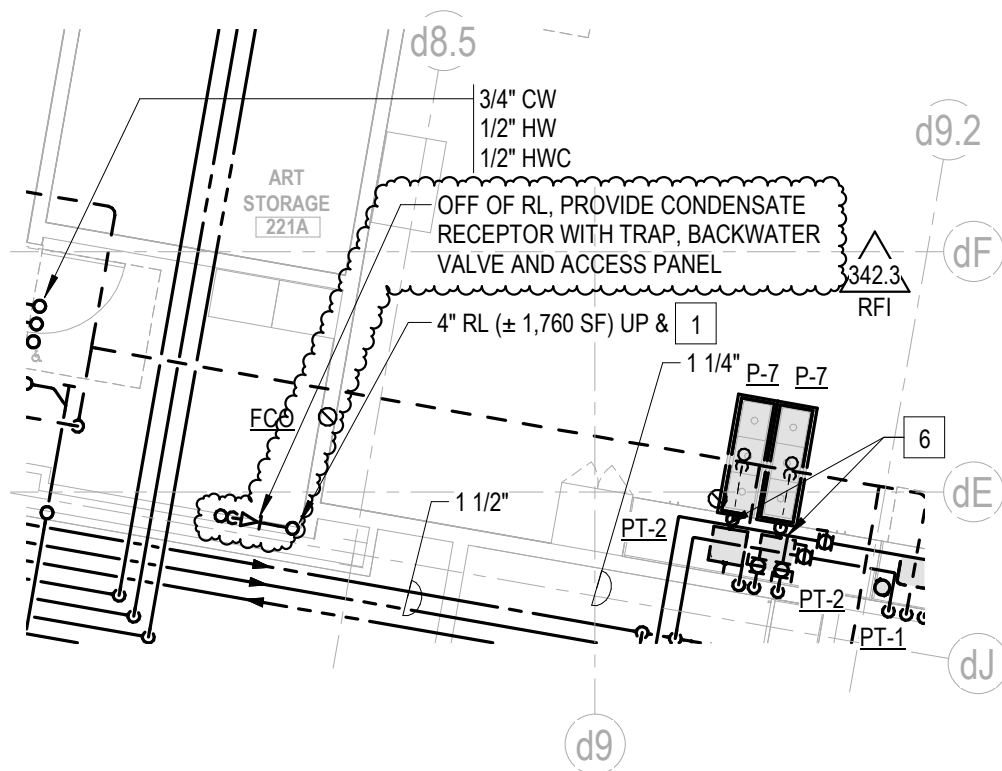
DRAWING NUMBER

SK
M-73

JOB NUMBER

6017442

CCC - CR245



BALA
ENGINEERS

BALA CONSULTING ENGINEERS, INC.
50 TEMPLE PLAZA
DORCHESTER, MA 02119-3300
TEL: 617-552-9999 FAX: 617-552-9586
WWW.BALACON.COM

MECHANICAL DESIGN DIVISION | 20210218 | BALA-210218

REVISIONS: 01/20/21, 02/21/21, 03/21/21, 04/21/21, 05/21/21, 06/21/21, 07/21/21, 08/21/21, 09/21/21, 10/21/21, 11/21/21, 12/21/21

REF. DWG. P 2.2d RFI 342.3

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

**H M
F H**

Arlington High School

PLUMBING AREA D
CONDENSATE RECEPTOR

SCALE: 1/8" = 1'-0"

DATE: 09/21/21

DRAWN: WAL CHECKED: GC

DRAWING NUMBER

**SKP
25**

JOB NUMBER

6017442



Patrick J. Kennedy & Sons, Inc.

MECHANICAL CONTRACTORS

39 Gibson Street
Boston, MA 02122-1222
Ph : (617)265-5535

Number: 64

Date: 08/31/2021

Phone:

Job: 2020-21 Arlington HS Main Package

To: Kevin Samya
Consigli Construction Co. Inc.
72 Sumner Street
Milford, MA 01757
Ph: 857-300-6900

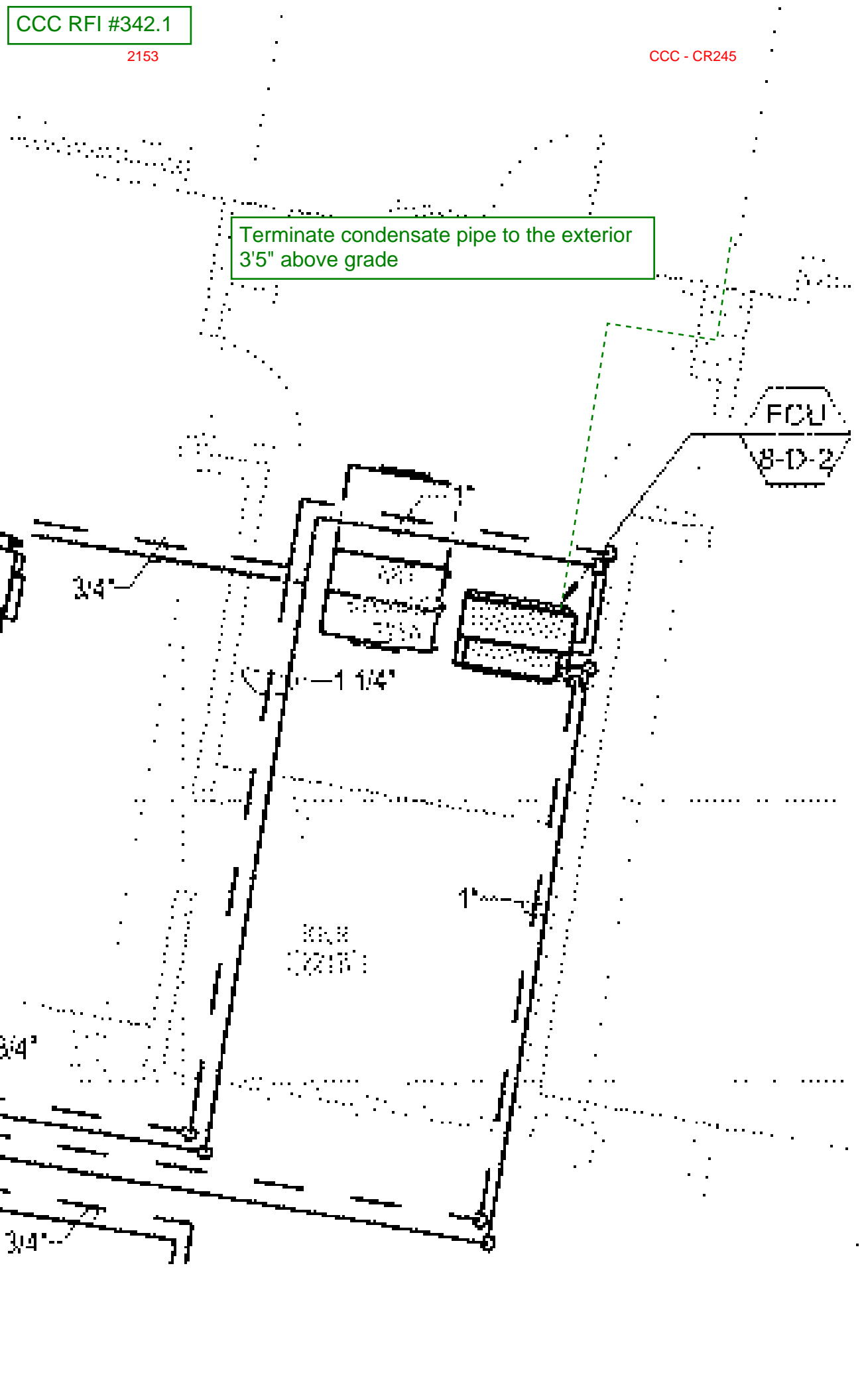
CC:**Subject:** Missing condensate drain for FCU 8-D-2**Drawing:** M3.2d**Cost Impact:** None**Spec Section:****Schedule Impact:** None**Request:****Date Required:** 9/7/2021

Unit has been installed and there is no condensate drain piping in the area (221A Art Storage). Please provide receptor for condensate drain.

Requested by: Bill Gray
Patrick J. Kennedy & Sons, Inc

Response:_____
Answered by_____
Company_____
Date

Terminate condensate pipe to the exterior
3'5" above grade



CCC RFI #342.1

2153

CCC - CR245





1119 State Road, Unit #1, Westport, MA 02790
(508) 677-9880 • Fax (508) 679-9006

December 8, 2021

**Consigli Construction
72 Sumner Street
Milford, MA 01757**

**ATT: Chris Weber/ John Lamarre
Re: Arlington High School**

EXTRA WORK DONE

CHANGE ORDER PROPOSAL NO. 124

**The Following Add is for Extra Work done at
Arlington High School.**

TOTAL: \$ 1,589.53 ✓

**THIS AMOUNT \$ 1,589.53 IS TO BE ADDED TO
THE ORIGINAL CONTRACT AMOUNT.**

**Mario Sousa
Project Manager**



CONSIGLI

Est. 1905

SLIP TRACKING

REF.

398

Project Name	Arlington High School	Job# 2153	Date	11/18/21
--------------	-----------------------	-----------	------	----------

THIS DOCUMENT IS TO BE USED FOR TRACKING PURPOSES ONLY:

(This document is not intended to constitute as acceptance of additional work to the contract nor does this document infer that the contractor will be compensated for the work performed)

Contractor	COLONI DEWALL
Contractor (Foreman's Signature)	
Contractor Extra Work #	
Cost Code	CR215H
Time Begin (Consigli Signature Required)	
Time Complete (Consigli Signature Required)	
Work Performed	PAINTING SOUTH WALL @ Rm 226 Rr REF - 3112.3
Manpower	(1) CARPENTER x 5 hrs (1) TAPER x 8 hrs
Materials	SEE ATTACHED

FOR OFFICE USE ONLY

Comments	H. R. J. GRANSKA 11/29/21		
Category (Check One)	<input type="checkbox"/> Internal	<input checked="" type="checkbox"/> Owner	<input type="checkbox"/> Backcharge
Status (Check One)	<input type="checkbox"/> Rejected	<input type="checkbox"/> Accepted	<input type="checkbox"/> Pending
Reference drawing or specification section:			

White: PM

Yellow: Contractor Copy

Pink: Remains

2153
COLONY DRYWALL INC.
WESTPORT, MA 02790
508-677-9880

CCC - CR245

EXTRA WORK FORM 124

PROJECT: Arlington High School

DATE: 11/18/2021

LOCATION: D 2 room 226 REF # _____

COP#: _____

MATERIALS: QUANTITY	DESCRIPTION	PRICE	AMOUNT
1 sheet 4x8x $\frac{5}{8}$ " sheetrock	1 carpenter for 5 hours	1.50	16.00
	1 taper for 8 hours		
1 bag easy sand 90		17.00	17.00
1 bucket joint compound	Patching south wall at room 226	25.00	25.00
FASTENERS			
	RFI 342.3		
POWER TOOLS			
SCAFFOLDING & LIFTS			
	TOTAL MATERIAL		\$
LABOR:	TRADE	HOURS	RATE
1 2 3	CARP FOREMAN		
1 2 3 4 5 6 7 8 9 10 11 12	CARP	5	106.27
1 2 3	TAPER FOREMAN		
1 2 3 4 5 6 7 8 9 10 11 12	TAPER	8	106.96
1 2 3	LABORER		
	TOTAL LABOR		\$ 1387.03 ✓
	TOTAL MATERIAL		58.00 ✓
	SUBTOTAL		\$ 1445.03 ✓
	10% OVERHEAD & PROFIT		144.50 ✓
	BOND COST		
	TOTAL		\$ 1589.53 ✓

SIGNED: _____



Patrick J. Kennedy & Sons, Inc.
MECHANICAL CONTRACTORS

39 Gibson Street
Boston, MA 02122-1222
Ph : (617)265-5535

CCC - CR245
PROPOSED CHANGE ORDER

Number: 12

Date: 10/5/21

Phone:

Job: 2020-21 Arlington HS Main Package

To: Chris Weber
Consgili Construction Co. Inc.
72 Sumner Street
Milford, MA 01757
Ph: 857-300-6900

Description: RFI 342.3 - FCU 8-D-2 Condensate Drain

Source: RFI # 342.3

Additional costs associated with A/E response to RFI 342.3 - FCU 8-D-2 Condensate Drain

Description	Quantity	Unit	Unit Price	Price
Labor				\$672.54
Material				\$146.50
Subcontract - Viking Ind.				\$481.36
			Subtotal:	\$1,300.40
		PJK Mark-up	\$819.04 10.00%	\$81.90
		PJK Mark-up on Subcontractor	\$481.36 5.00%	\$24.07
		Bond Cost	\$1,406.37 1.50%	\$21.10
			Total:	\$1,427.47

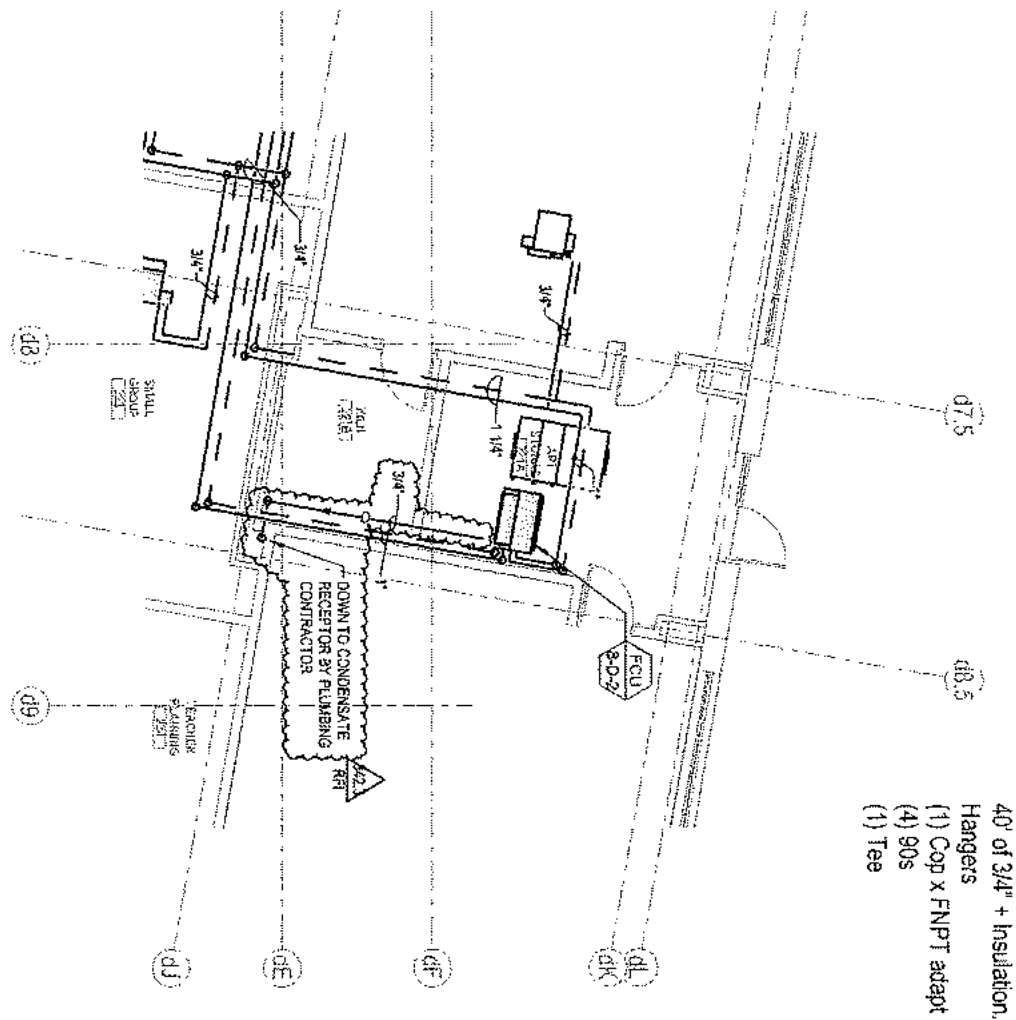
If you have any questions, please contact me at 617-446-8000.

Submitted by: Patrick Kennedy
Patrick J. Kennedy & Sons, Inc

Approved by: _____
Date: _____

COST SUMMARY

Description	RFI 342.3 - FCU 8-D-2 Condensate Drain					
Job Name	Arlington HS					
General	Consigli Construction					
Labor				Hours	Rate	Total
Project Manager	Hr	ST	0.0	\$ 125.00	\$ -	
Cadd Draftsman	Hr	ST	0.0	\$ 130.01	\$ -	
Pipefitter Foreman	Hr	ST	0.0	\$ 130.01	\$ -	
Pipefitter Foreman	Hr	OT	0.0	\$ -	\$ -	
Pipefitter Foreman	Hr	DT	0.0	\$ -	\$ -	
Pipefitter Journeyman	Hr	ST	6.0	\$ 112.09	\$ 672.54	
Pipefitter Journeyman	Hr	OT	0.0	\$ -	\$ -	
Pipefitter Journeyman	Hr	DT	0.0	\$ -	\$ -	
Truck Driver	Hr	ST	0.0	\$ 60.00	\$ -	
				Total Labor		\$ 672.54
Equipment						
Burning & Welding Equipment	Day		0.0	\$ 120.00	\$ -	
				Total Equipment		\$ -
Materials	Description	UM	QTY	UNIT PRICE	TOTAL	
	3/4" Copper L Tubing	Unit	40	\$ 2.33	\$ 93.20	
	Copper Fittings @ 25%of Piping	Unit	0.25	\$ 93.20	\$ 23.30	
	3/4" Hanger Assebmly	Unit	5	\$ 6.00	\$ 30.00	
				Total Material		\$ 146.50



ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MASSACHUSETTS PLUMBING CODE AND THE NATIONAL PLUMBING CODE.

BALA
ENGINEERS

100 STATE STREET, SUITE 200
CAMBRIDGE, MA 02142
TEL: 617.452.1234 FAX: 617.452.1235
WWW.BALAEENGINEERS.COM

REF. DWG. M3.2d RFI-342.3

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 482 2200
@HMFHarch hmfh.com

HMFH

Arlington High School

ADDITION OF FCU CONDENSATE PIPING

SCALE: 1/4" = 1'-0" DATE: 06/22/21 DRAWN: JAF CHECKED: JAF

DRAWING NUMBER

SK
M-73

FOR NUMBER

6037442



CCC - CR245
PCO #010

E. Amanti & Sons, Inc.
390 Highland Ave.
Salem, Massachusetts 01970
Phone: (978) 745-4144
Fax: (978) 745-8833

Project: 2054 - Arlington, High School PL
869 Massachusetts Avenue
Arlington, Massachusetts 02476

Prime Contract Potential Change Order #010: RFI-342.3 Added condensate receiver.

TO:	Consigli Construction Co. Inc. 72 Sumner Street Milford, Massachusetts 01757	FROM:	E. Amanti & Sons, Inc. 390 Highland Ave. Salem, Massachusetts 01970
PCO NUMBER/REVISION:	010 / 0	CONTRACT:	1 - Arlington, High School PL
REQUEST RECEIVED FROM:	Arthur Duffy (HMFH Architects)	CREATED BY:	Gary Prescott (E. Amanti & Sons, Inc.)
STATUS:	Pending - Proceeding	CREATED DATE:	9/30/2021
REFERENCE:	RFI 342.3	PRIME CONTRACT CHANGE ORDER:	None
FIELD CHANGE:	No		
LOCATION:		ACCOUNTING METHOD:	Amount Based
SCHEDULE IMPACT:	0 days	PAID IN FULL:	No
EXECUTED:	No	SIGNED CHANGE ORDER RECEIVED DATE:	
		TOTAL AMOUNT:	\$2,717.00

POTENTIAL CHANGE ORDER TITLE: RFI-342.3 Added condensate receiver.

CHANGE REASON: Design Development

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*
RFI-342.3 Added condensate receiver.

ATTACHMENTS:

[RFI-342.3 pricing. Added condensate receiver 2021.9.28.pdf](#)

#	Budget Code	Description	Amount
1	G.22-220090.O General.Plumbing General Conditions.Other	RFI-342.3 Added condensate receiver.	\$2,717.00
Grand Total:			\$2,717.00

Arthur Duffy (HMFH Architects)

Consigli Construction Co. Inc.
72 Sumner Street
Milford, Massachusetts 01757

E. Amanti & Sons, Inc.
390 Highland Ave.
Salem, Massachusetts 01970

SIGNATURE

DATE

SIGNATURE

DATE

SIGNATURE

DATE

2153		CM AT RISK ONLY CCC - CR245	
PROJECT NAME	Arlington HS	PROJECT NO.	
		CONSTR. MGR	Consigli Construction
PCO NUMBER		PCO DESC.	RFI-342.3 pricing. Added condensate receiver.
PCO DATE			
FORMAT FOR SUBMISSION OF CHANGE ORDER			
WORK OF <u>SUBCONTRACTOR</u> AND/OR <u>CONSTRUCTION MANAGER</u>			
NAME OF FIRM SUBMITTING CHANGE ORDER	E. Amanti & Sons Inc.		

1. DIRECT LABOR: SUBCONTRACTOR:

Use only Prevailing Wage Rates or Owner-Approved Wages and Rates

Applicable Prevailing Wage Rate for each Trade and Classification MUST be completed!

Allowable Excess fringes are those fringes required to be paid per union contract which exceed the contract prevailing wage and have been approved by Owner

Trade	Classification	Total Hrs. <u>Worked</u>	Prevailing Wage Rate (Per Contract Specs) THIS FIELD IS REQUIRED	These values shall be taken from the Rate Approval Sheet, after its approval by Owner.				Total Direct Labor Cost
				Base Wage Rate for Ins/Taxes (Item I from Wage Approval Sheet)	Approved Excess Fringes per Hour (Item K from Wage Approval Sheet)	Total Cost for Base Wages (subject to ins/taxes)	Total Cost for Approved Excess Fringes	
Plumbing	Foreman	1.00	\$ 91.02			\$ 91.02	\$ -	\$ 91.02
Plumbing	Journeyman	8.00	\$ 91.02			\$ 728.16	\$ -	\$ 728.16
						\$ -	\$ -	\$ -
						\$ -	\$ -	\$ -
						\$ -	\$ -	\$ -
TOTAL BASE, EXCESS AND DIRECT LABOR COSTS						\$ 819.18	\$ -	\$ 819.18

2. MATERIALS: SUBCONTRACTOR: (For extensive material lists, attach detailed backup and enter as a lump sum below)

Material Description	Qty	Unit	Cost Per Unit	Total
3" x 10' NH cast iron pipe	1.00	Each	\$ 178.40	\$ 178.40
4" x 3" NH Y	1.00	Each	\$ 68.10	\$ 68.10
3" NH 1/8 bend	2.00	Each	\$ 30.50	\$ 61.00
4" NH 1/4 bend	1.00	Each	\$ 54.30	\$ 54.30
3" NH P-trap	1.00	Each	\$ 84.10	\$ 84.10
4" x 3" NH reducer	1.00	Each	\$ 28.60	\$ 28.60
3" NH backwater valve	1.00	Each	\$ 338.34	\$ 338.34
4" NH Clamps	3.00	Each	\$ 27.10	\$ 81.30
3" NH Clamps	10.00	Each	\$ 23.30	\$ 233.00
				\$ -
				\$ -
				\$ -

TOTAL MATERIALS COST: \$ 1,127.14

3. EQUIPMENT: SUBCONTRACTOR: (For extensive equipment lists, attached detailed backup and enter as a lump sum below)

Equipment Description	Qty	Unit	Cost Per Unit	Total
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -

TOTAL EQUIPMENT COST: \$ -

4. SUB TOTAL SUBCONTRACTOR DIRECT COST FOR ITEMS 1., 2. & 3.:

SUB TOTAL: \$ 1,946.32

5. MISC. LUMP SUM SERVICES PROVIDED TO SUBCONTRACTOR (POLICE DETAIL, UTILITIES, ETC.):

Description of Miscellaneous Lump Sum Service - attach backup	Total
Elad Insulation	\$ 240.00
	\$ -
	\$ -

2153		CM AT RISK ONLY CCC - CR245	
PROJECT NAME	Arlington HS	PROJECT NO.	
		CONSTR. MGR	Consigli Construction
PCO NUMBER		PCO DESC.	RFI-342.3 pricing. Added condensate receiver.
PCO DATE			
FORMAT FOR SUBMISSION OF CHANGE ORDER			
WORK OF SUBCONTRACTOR AND/OR CONSTRUCTION MANAGER			
NAME OF FIRM SUBMITTING CHANGE ORDER	E. Amanti & Sons Inc.		
			\$ -
			\$ -

TOTAL MISC. LUMP SUM SERVICES COST: \$ 240.00 ✓

6. SUB ALLOWED 5% O&P Mark Up - MISC. LUMP SUM SERVICES: 5.00% \$ 12.00 ✓

7. SUB TOTAL SUBCONTRACTOR LINE ITEMS 4., 5. & 6.: SUB TOTAL: \$ 2,198.32 ✓

8. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:
Total Base Wages Subject to Insurance and Taxes from Item 1 above (If zero, use total direct labor cost) \$ 819.18
Insurance & Taxes Rate (30% unless a higher rate has been formally approved by Owner) 30.00%
TOTAL COST INSURANCE AND TAXES \$ 245.75 ✓

9. OTHER APPROVED SUBCONTRACTOR DIRECT LABOR EXCESS FRINGE BENEFITS:
(i.e.: Apprentice Training, Education Fund, Legal, Travel, ETC.) --> excess fringes from Item 1 above
TOTAL EXCESS FRINGE BENEFITS: \$ -

10. OVERHEAD AND PROFIT OF SUBCONTRACTOR:
Subcontractor can charge 10% of actual total cost of Item 4. For a net CREDIT change order amount, use 0% 10.00% x ITEM 4: \$ 219.83 ✓

11. TOTAL OF ITEMS 7., 8. (A. or B.), 9. and 10. TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR: \$ 2,663.91 ✓

11a. SUBCONTRACTOR PREMIUM FOR BOND
Required for CM trade subcontractors
Percentage of approved bond x item 11. 2.00% x ITEM 11: \$ 53.28 ✓

12 TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR, INCLUDING BOND COST \$ 2,717.00 ✓
Enter the Value of Item 12 on the Summary Sheet
ROUNDED TO NEAREST DOLLAR

NOTE:
ALL change order proposals and invoices from the CONSTRUCTION MANAGER AND/OR SUBCONTRACTORS must include a cover letter on company letterhead identifying the PCO number, a description of the scope of work and the total cost of the proposed change order from that company. This information must be completed by every contractor doing work created by the change.



Missing Condensate Pipe for FCU-8-D-2 in Art Storage 221A (Building D) (PJK RFI #64)

TO:	Stephanie MacNeil (HMFH Architects) Arthur Duffy (HMFH Architects)	FROM:	Kevin Samya (Consigli Construction Co., Inc.) 72 Sumner Street Milford, Massachusetts 01757
DATE INITIATED:	09/03/2021	STATUS:	Closed on 09/22/21
LOCATION:	Building D	DUE DATE:	09/08/2021
COST CODE:		REFERENCE:	PJK RFI #64
COST IMPACT:	TBD	SCHEDULE IMPACT:	TBD
DRAWING NUMBER:	M3.2d	SPEC SECTION:	230000 - Heating, Ventilating, and Air Conditioning (HVAC)
RECEIVED FROM:	William Gray (P.J. Kennedy & Sons)		

COPIES TO:

CA Bala (Bala Consulting Engineers), Gil Castera (Bala), Victoria Clifford (Skanska USA Inc.), Greg Cmar (Interval Data Systems), Patrick Condon (Consigli Construction Co., Inc.), Ken Davis (Bala Consulting Engineers), Tom DeRosa (Consigli Construction Co., Inc.), David Dockendorf (Consigli Construction Co., Inc.), Arthur Duffy (HMFH Architects), Jim Fikiet (Skanska USA Inc.), Ryan Flynn (Bala Consulting Engineers), Fran Patnode (Rist-Frost-Shumway Engineering (RFS)), Vianely Franco (HMFH Architects), Kevin Fuller (Interval Data Systems), Mike Gagne (Interval Data Systems), Bill Gnerre (Interval Data Systems), George Hines (Bala Consulting Engineers), John LaMarre (Consigli Construction Co., Inc.), William Lentz (Bala Consulting Engineers), Stephanie MacNeil (HMFH Architects), Scott Martino (Consigli Construction Co., Inc.), Chuck McWilliams (Consigli Construction Co., Inc.), Reid Mullett (Rist-Frost-Shumway Engineering (RFS)), Sy Nguyen (Skanska USA Inc.), Hal Raymond (Skanska USA Inc.), Richard Rivera (Bala Consulting Engineers), David Rockwood (Consigli Construction Co., Inc.), Kevin Samya (Consigli Construction Co., Inc.), Mason Saunders (Consigli Construction Co., Inc.), Chris Weber (Consigli Construction Co., Inc.)

Question from Kevin Samya (Consigli Construction Co., Inc.) at 10:56 AM on 09/03/2021

Please reference the attached PJK RFI #64. Please reference HVAC Drawing M3.2d.

FCU-8-D-2 in Art Storage 221A does not have condensate pipe serving the piece of equipment and it is believed the equipment will need it. If the condensate pipe is required, there are no local condensate receptors to accommodate condensate pipe. We propose terminating the condensate pipe to the exterior of the building and terminate at 3'5" above grade; similar to RFI #290 for Woodshop 227 FCU's.

Confirm whether or not condensate pipe is needed for FCU-8-D-2. Please confirm if the proposed solution is acceptable or provide an alternate solution. Please provide a sketch for the intended design.

Attachments:

[RFI #342.3 - Missing Condensate Pipe for FCU-8-D-2 in Art Storage 221A \(Building D\) \(PJK RFI #64\).pdf](#)

Official Response: Arthur Duffy (HMFH Architects) responded on Wednesday, September 22nd, 2021 at 8:10AM EDT

Response to RFI 342.1 is ATTACHED

Attachments:

[RFI 342.3 - Missing Condensate Pipe for FCU-8-D-2 in Art Storage 221A \(Building D\) \(PJK RFI #64\)_RESPONSE.pdf](#)

All Replies:

Response from Arthur Duffy (HMFH Architects) at 08:10 AM on 09/22/2021

Response to RFI 342.1 is ATTACHED

Attachments:

[RFI 342.3 - Missing Condensate Pipe for FCU-8-D-2 in Art Storage 221A \(Building D\) \(PJK RFI #64\)_RESPONSE.pdf](#)

BY

DATE

COPIES TO

ELAD Industrial Insulation

P.O.Box 528, Sharon, MA 02067
 E-Mail: eladinsulation@yahoo.com
 Phone: (339) 230-0707, Fax: (339) 230-0708

PROPOSAL

Proposal Submitted To: E. Amanti & Sons		Fax: 978 – 745 - 7876	Date : September 28, 2021
Street: 390 Highland Ave.		Job Name: Arlington School	
City, State, & Zip Code Salem, MA 01970		Job Location: Arlington, MA	
Job Number	PO #	Phone 978 – 745 - 4144	

Additional work: RFI 342.3 (e-mail from 09.28.2021)

TOTAL AMOUNT THIS PROPOSAL..... \$240.00 ✓

We Propose hereby to furnish material and labor complete in accordance with the above specifications, for the sum of. Two Hundred Forty and 00/100 Dollars: 240.00	
Payment to be made as follows: Net 15 days from date of invoice * 1.5% Interest added to invoices over 15 days.	
All material is guaranteed to be as specified. All work to be completed in a Workmanlike manner according to standard practices. Any alteration or deviation from the above specifications involving extra costs will be executed Only upon written orders. Owner to carry all insurances.	Authorized Signature Alex Note: This proposal may be withdrawn by us If not accepted within 30 days.
Acceptance of Proposal The above prices, specifications and conditions are satisfactory and are Hereby accepted. You are authorized to perform the work as outlined above. Payment will be made as outlined above.	
Date of Acceptance _____ Signature _____	



Change Request

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR264
Date: 10/25/21
Job: 2153 Arlington High School
Phone:

Description: RFI-545 - Heat Recovery Condenser Electrical Discrepancy (Building E)_Sub. 122021

Source: RFI # 545

We offer the following specifications and pricing to make the changes as described below:

**CR264 has been revised to allocate labor costs associated with box and cap and provide new branch circuitry/panel breakers from Project Contingency under designation CT048. Costs associated with Material/equipment revisions are captured under CR264.

CR264 includes costs associated with RFI-545 - Heat Recovery Condenser Electrical Discrepancy (Bldg. E). Per RFI-545, actual HRCU units delivered electrical branch circuitry was not consistent with electrical branch circuitry provided in HVAC Equipment submittals. CR264 includes WJGEI costs to box and cap existing installed branchcircuitry, and provide new circuitry and revised panel breakers to match equipment delivered and installed. Please see attached pricing and associated backup for additional information.

Assumptions & Qualifications:

- CCC has proceeded with this scope in order to maintain project schedule

Description	Labor	Material	Equipment	Subcontract	Other	Price
WJGEI - Proposal #56 dated 10/22/21 - Material Costs Only				\$12,680.61		\$12,680.61
					Subtotal:	\$12,680.61
			Bond (.75%)	\$12,680.61		\$95.10
			General Liability (1.2%)	\$12,680.61		\$152.17
			Subguard (1.4%)	\$12,680.61		\$0.00
			OH&P (5% subs, 10% self perform)	\$12,927.88		\$646.39
					Total:	\$13,574.27

☐ SCHEDULE IMPACT

☒ We have proceeded with this change to achieve schedule.

☐ As directed, we will not proceed with this change until formal direction from OWNER is received.

ARCHITECT

Consigli Construction Co., Inc.

CONTRACTOR

72 Sumner Street

N

OWNER

(Signature)

Arthur Duffy

By

02/14/2022

Date

(Signature)

John LaMarre

By

2/12/22

Date

(Signature)

Jim Burrows

By

2/15/2022

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

72 Sumner Street, Milford MA 01757 • phone: 508-473-2580 • fax: 508-473-3588 • web: www.consigli.com
Hartford CT • Washington DC • Portland ME • Boston MA • Milford MA • Albany NY • New York NY • Pleasant Valley NY • Ronkonkoma NY



Heat Recovery Condenser Electrical Discrepancy (Building E)

TO:	Stephanie MacNeil (HMFH Architects) Arthur Duffy (HMFH Architects)	FROM:	Kevin Samya (Consigli Construction Co., Inc.) 72 Sumner Street Milford, Massachusetts 01757
DATE INITIATED:	10/22/2021	STATUS:	Open
LOCATION:	Arlington High School>Building E (Phase 1)	DUE DATE:	10/27/2021
COST CODE:		REFERENCE:	
COST IMPACT:	TBD	SCHEDULE IMPACT:	TBD
DRAWING NUMBER:	M3.4e, E2.4e	SPEC SECTION:	260000 - Electrical
RECEIVED FROM:	Wayne Pease (Wayne J. Griffin Electric Inc.)		

COPIES TO:

CA Bala (Bala Consulting Engineers), Gil Castera (Bala), Victoria Clifford (Skanska USA Inc.), Greg Cmar (Interval Data Systems), Patrick Condon (Consigli Construction Co., Inc.), Ken Davis (Bala Consulting Engineers), Tom DeRosa (Consigli Construction Co., Inc.), David Dockendorf (Consigli Construction Co., Inc.), Arthur Duffy (HMFH Architects), Jim Fikiet (Skanska USA Inc.), Ryan Flynn (Bala Consulting Engineers), Vianely Franco (HMFH Architects), Kevin Fuller (Interval Data Systems), Mike Gagne (Interval Data Systems), Bill Gnerre (Interval Data Systems), George Hines (Bala Consulting Engineers), William Lentz (Bala Consulting Engineers), Stephanie MacNeil (HMFH Architects), Scott Martino (Consigli Construction Co., Inc.), Chuck McWilliams (Consigli Construction Co., Inc.), Reid Mullett (Rist-Frost-Shumway Engineering (RFS)), Sy Nguyen (Skanska USA Inc.), Fran Patnode (Rist-Frost-Shumway Engineering (RFS)), Hal Raymond (Skanska USA Inc.), Richard Rivera (Bala Consulting Engineers), Kevin Samya (Consigli Construction Co., Inc.), Mason Saunders (Consigli Construction Co., Inc.), Vikram Singh (Consigli Construction Co., Inc.), Chris Weber (Consigli Construction Co., Inc.)

Question from Kevin Samya (Consigli Construction Co., Inc.) at 12:41 PM on 10/22/2021

Please reference HVAC Drawings M3.4e and Electrical Drawings E2.4e. Please reference the attached email and HRCU discrepancy chart dated 10/14/21.

The specified and approved Daikin Heat Recovery Condensers (HRCU's) (Submittal #230000-055) being provided on the Roof of Building E have different electrical requirements than what is shown on the Electrical Drawings. The electrical volts match with the panelboard schedule, but the required amps/wire size for the equipment is different than the current breaker sizes. In order to accommodate the required electrical for the Condensers the circuit breakers and disconnects need to be upsized. The following Condensers require breaker/disconnect size changes.

- HRCU-5.1 (E10.5.4 - MHOS3E) - 20amp breaker; 40amp unit
- HRCU-5.2 (E10.5.4 - MHOS3E) - 20amp breaker; 25amp unit
- HRCU-5.3 (E10.5.4 - MHOS3E1) - 20amp breaker; 40amp unit
- HRCU-5.4 (E10.5.4 - MHOS3E1) - 20amp breaker; 40amp unit
- HRCU-6.1 (E10.5.4 - MHOS3E1) - 30amp breaker, 35amp unit
- HRCU-6.2 (E10.5.4 - MHOS3E1) - 20amp breaker, 35amp unit
- HRCU-6.3 (E10.5.4 - MHOS3E1) - 15amp breaker, 35amp unit
- HRCU-6.4 (E10.5.4 - MHOS3E1) - 30amp breaker, 35amp unit
- HRCU-7.2 (E10.5.5 - MH2E1) - 20amp breaker, 25amp unit
- HRCU-8.3 (E10.5.5 - MH2E1) - 20amp breaker, 35amp unit
- HRCU-9.2 (E10.5.4 - MHOS3E) - 20amp breaker; 35amp unit

Please provide electrical sketches to include the required circuitry for the breakers and disconnect.

Attachments:

[RFI #545 - Heat Recovery Condenser Electrical Discrepancy \(Building E\).pdf](#)

Awaiting an Official Response

All Replies: This discrepancy was noted on 230000-058R1 & 230000-055R1 Submittal Reviews. We take no exception to proposed breaker or branch revisions provided below but note that some of the Heat Recovery Condensing Unit quantities and sizes have changed when comparing Units Submitted to Basis of Design Units.

J. Ryan Flynn/Ken Davis - BALA

BY

10/26/2021

DATE

COPIES TO

10/26/2021

Samya, Kevin

From: Wayne Pease <WPEASE@WJGEI.com>
Sent: Thursday, October 14, 2021 10:12 AM
To: Samya, Kevin
Cc: Jeremiah Kimball; LaMarre, John
Subject: AHS - HRCU Revisions
Attachments: HRCU Spreadsheet.pdf

Kevin,
This is a copy of the spread sheet coming with cost proposal.
Wayne

E ROOF	E2.4E						
Unit Label	Max Over Current	Min Circuit Amp	Panel & Circuit	Original Circuit Breaker	Designated Branch	Revised Circuit Breaker	Revised Branch
HRCU 9.2	35	25.9	MHOS3E - 8,10,12	20A/3P	3-#12 +1-#12G	35A/3P	3-#8 +1-#10G
HRCU 7.2	25	20.6	MH2E1 - 13,15,17	20A/3P	3-#12 +1-#12G	25A/3P	3-#10 +1-#10G
HRCU 5.1	40	27.9	MHOS3E1 - 26,28,30	20A/3P	3-#12 +1-#12G	40A/3P	3-#8 +1-#10G
HRCU 5.2	25	21.1	MHOS3E1 - 31,33,35	20A/3P	3-#12 +1-#12G	25A/3P	3-#10 +1-#10G
HRCU 5.3	40	27.9	MHOS3E - 2,4,6	20A/3P	3-#12 +1-#12G	40A/3P	3-#8 +1-#10G
HRCU 5.4	40	27.9	MHOS3E - 20,22,24	20A/3P	3-#12 +1-#12G	40A/3P	3-#8 +1-#10G
HRCU-8.3	35	25.9	MH2E1 - 7,9,11	20A/3P	3-#12 +1-#12G	35A/3P	3-#8 +1-#10G
HRCU 6.1	35	25.9	MHOS3E1 - 25,27,29	30A/3P	3-#10 +1-#10G	35A/3P	3-#10 +1-#10G
HRCU 6.2	35	25.9	MHOS3E1 - 20,22,23	20A/3P	3-#12 +1-#12G	35A/3P	3-#8 +1-#10G
HRCU 6.3	35	25.9	MHOS3E1 - 19,21,23	15A/3P	3-#12 +1-#12G	35A/3P	3-#8 +1-#10G
HRCU 6.4	35	25.9	MHOS3E1 - 14,16,18	30A/3P	3-#10 +1-#10G	35A/3P	3-#8 +1-#10G



WAYNE J.
GRIFFIN ELECTRIC
INC.

October 22, 2021

VIA EMAIL ONLY: cweber@consigli.com

Mr. Chris Weber, Project Manager
Consigli Construction Company, Inc.
72 Sumner Street
Milford, MA 01757

RE: Job #2698 - Arlington High School, Arlington, MA
Proposal #56

Dear Mr. Weber:

Wayne J. Griffin Electric, Inc. ("WJGE") proposes to modify our contract to perform the following lump sum revisions to our work per our enclosed detailed backup:

DESCRIPTION OF WORK:

In reviewing actual delivered HRCU Units, they are not consistent with electrical branch circuitry as reflected in attached spread sheet. In order to match delivered equipment, properly box and cap off existing installed branch circuitry and provide new circuitry and revised panel breakers to match equipment delivered and installed.

Total \$ 37,415.18 ✓

This is a lump sum forward looking estimate of the above-noted change to our scope of work. This estimate represents a price we are willing to accept to assume the cost risk of this change to our ongoing work given the information provided to us. The labor and material prices contained in this proposal are based upon vendor/subcontractor quotes (if noted) and/or electrical industry pricing guides such as NECA, Trade Service, or R.S. Means, which guides are widely used and accepted in the construction industry to facilitate timely and consistent change order pricing. This estimate is offered for your review, approval and acceptance.

Labor costs to be funded from Contingency 19-001 (CT048) = \$24,734.57
Material/Equipment costs (CR264) = \$12,680.61

Corporate Headquarters:

116 Hopping Brook Road
Holliston, MA 01746
Phone: (508) 429-8830
Fax: (508) 429-7825

Regional Offices:

296 Cahaba Valley Parkway
Pelham, AL 35124
Phone: (205) 733-8848
Fax: (205) 733-8107

1950 Evergreen Boulevard
Suite 300
Duluth, GA 30096
Phone: (678) 417-9377
Fax: (678) 417-9373

2310 Presidential Drive
Suite 101
Durham, NC 27703
Phone: (919) 627-9724
Fax: (919) 627-9727

9801-C Southern Pine Boulevard
Charlotte, NC 28273
Phone: (704) 522-3851
Fax: (704) 522-3856

The value included in this proposal does not include any amounts for extended contract duration, changes in the sequence of work, acceleration, disruptions, interference and/or impacts, and the right is expressly reserved to recover any and all of these related items prior to any final settlement of this contract. The working relationship between your company and ours shall be in accordance with our mutually agreed to contract form.

Wayne J. Griffin Electric, Inc. reserves the right to void this proposal after thirty (30) days from the date above.

If you have any questions regarding the above, please do not hesitate to contact me at (508) 306-5313 or wpease@wjgei.com.

Very truly yours,

WAYNE J. GRIFFIN ELECTRIC, INC.



Wayne A. Pease
Senior Project Manager

WP/kab

ACKNOWLEDGMENT: The contract modifications stated for the above proposal are acceptable for the work to be performed. The value of the work completed to the date of the next requisition may be billed on that requisition.

Date: _____ Authorized Signature: _____

cc: John LaMarre, Senior Project Manager, Consigli Construction Company, Inc.,
JLaMarre@consigli.com
George Gray, Project Engineer, Wayne J. Griffin Electric, Inc.
Jeremiah Kimball, Project Foreman, Wayne J. Griffin Electric, Inc.



CCN#: P-0056, HRCU Branch Revisions
Date: 10/12/2021
Project Name: Arlington High School
Project Number: 02698-00-20
Page Number: 1

116 Hopping Brook Road, Holliston, MA 01746
 (508) 429-8830 FAX (508) 429-9251

Work Description

In reviewing actual delivered HRCU units, they are not consistent with electrical branch circuitry as reflected in attached spread sheet. In order to match delivered equipment, properly box and cap off existing installed branch circuitry and provide new circuitry and revised panel breakers to match equipment delivered and installed.

Itemized Breakdown

Description	Qty	Net Price	UM	Materials (\$)	Labor	Total Hours
Field Layout/Coordination	0.00	0.0000	HRS	0.000	0.000	6.070
Phase Totals				0.00		6.07
#8/3 MC Cable	1,200.00	2.6200	E	3,144.000	0.047	56.400
#10/3 MC Cable	450.00	1.6300	E	733.500	0.028	12.600
3/4" MC Connectors	22.00	4.0300	E	88.660	0.308	6.780
MC Supports	50.00	1.6100	E	80.500	0.050	2.500
4" Sq Boxes	9.00	5.2000	E	46.800	0.400	3.600
4" Sq Blank Covers	9.00	0.8100	E	7.290	0.125	1.130
Box Supports	9.00	1.9800	E	17.820	0.060	0.540
30A/600V/3P/F/N3R Disconnects	-9.00	245.0000	E	-2,205.000	2.581	-23.230
60A/600V/3P/F/N3R Disconnects	9.00	310.0000	E	2,790.000	3.636	32.720
600V/30A fuse	-27.00	10.7000	E	-288.900	0.200	-5.400
600V/60A fuse	27.00	16.2500	E	438.750	0.200	5.400
25A/3P Breakers	2.00	600.4100	E	1,200.820	1.290	2.580
35A/3P Breakers	6.00	600.4100	E	3,602.460	1.290	7.740
40A/3P Breakers	3.00	600.4100	E	1,801.230	1.290	3.870
Remove Existing 3P Breakers	11.00	0.0000	E	0.000	1.290	14.190
Phase Totals				11,457.93		121.42
Totals				11,457.93		127.49
Tax				0.00		
Materials with Tax				11,457.93		

Summary

Itemized Breakdown Total			11,457.93
Electrical Journeyman Overtime	(127.4900 hrs @ \$134.85 / hr)	17,192.03	17,192.03 ✓
Labor Burden	(\$17,192.03 @ 30.00%)	5,157.61	5,157.61 ✓
Overhead & Profit	(\$33,807.57 @ 10.00%)	3,380.76	3,380.76 ✓
Bond	(\$37,188.33 @ 0.61%)	226.85	226.85 ✓
Total			8,765.22 ✓ \$37,415.18 ✓

Labor costs to be funded from Contingency 19-001 (CT048) = \$24,734.57
 Material/Equipment costs (CR264) = \$12,680.61

E ROOF	E2.4E						
Unit Label	Max Over Current	Min Circuit Amp	Panel & Circuit	Original Circuit Breaker	Designated Branch	Revised Circuit Breaker	Revised Branch
HRCU 9.2	35	25.9	MHOS3E - 8,10,12	20A/3P	3-#12 +1-#12G	35A/3P	3-#8 +1-#10G
HRCU 7.2	25	20.6	MH2E1 - 13,15,17	20A/3P	3-#12 +1-#12G	25A/3P	3-#10 +1-#10G
HRCU 5.1	40	27.9	MHOS3E1 - 26,28,30	20A/3P	3-#12 +1-#12G	40A/3P	3-#8 +1-#10G
HRCU 5.2	25	21.1	MHOS3E1 - 31,33,35	20A/3P	3-#12 +1-#12G	25A/3P	3-#10 +1-#10G
HRCU 5.3	40	27.9	MHOS3E - 2,4,6	20A/3P	3-#12 +1-#12G	40A/3P	3-#8 +1-#10G
HRCU 5.4	40	27.9	MHOS3E - 20,22,24	20A/3P	3-#12 +1-#12G	40A/3P	3-#8 +1-#10G
HRCU-8.3	35	25.9	MH2E1 - 7,9,11	20A/3P	3-#12 +1-#12G	35A/3P	3-#8 +1-#10G
HRCU 6.1	35	25.9	MHOS3E1 - 25,27,29	30A/3P	3-#10 +1-#10G	35A/3P	3-#10 +1-#10G
HRCU 6.2	35	25.9	MHOS3E1 - 20,22,23	20A/3P	3-#12 +1-#12G	35A/3P	3-#8 +1-#10G
HRCU 6.3	35	25.9	MHOS3E1 - 19,21,23	15A/3P	3-#12 +1-#12G	35A/3P	3-#8 +1-#10G
HRCU 6.4	35	25.9	MHOS3E1 - 14,16,18	30A/3P	3-#10 +1-#10G	35A/3P	3-#8 +1-#10G



Change Request

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR273
Date: 10/25/21
Job: 2153 Arlington High School
Phone:

Description: ASI-169 - Revisions to Steel Bldg. E & B_Sub. 010722

Source: ASI # 169

We offer the following specifications and pricing to make the changes as described below:

**CR273R1 includes revised Trimax pricing and responses to HMFH/FBRA CR273 review comments.

CR273 includes costs associated with ASI-169 - Revisions to Steel Bldg. E & B (Ph. 2) dated 10/19/21 issued by HMFH. Please see attached Trimax pricing for structural steel cost impacts and associated schedule of added/deleted members for additional information.

Assumptions & Qualifications:

- Costs associated with Overtime/Acceleration are not included.
- CCC has proceeded with this scope change in order to maintain schedule

Description	Labor	Material	Equipment	Subcontract	Other	Price
TX-COR-1017R1 dated 2/2/22				\$16,388.86		\$16,388.86
					Subtotal:	\$16,388.86
			Bond (.75%)	\$16,388.86		\$122.92
			General Liability (1.2%)	\$16,388.86		\$196.67
			Subguard (1.4%)	\$16,388.86		\$229.44
			OH&P (5% subs, 10% self perform)	\$16,937.89		\$846.89
					Total:	\$17,784.78

☐ SCHEDULE IMPACT

☒ We have proceeded with this change to achieve schedule.

☐ As directed, we will not proceed with this change until formal direction from OWNER is received.

ARCHITECT

Consigli Construction Co., Inc.
CONTRACTOR
72 Sumner Street
Milford, MA 01757

OWNER

(Signature)

Arthur Duffy

(Signature)

John LaMarre

(Signature)

Jim Burrows

By

02/03/2022

By

020222

By

2/15/2022

Date

Date

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

72 Sumner Street, Milford MA 01757 • phone: 508-473-2580 • fax: 508-473-3588 • web: www.consigli.com
Hartford CT • Washington DC • Portland ME • Boston MA • Milford MA • Albany NY • New York NY • Pleasant Valley NY • Ronkonkoma NY

**RECEIVED**

01.07.2022

**FOLEY BUHL ROBERTS
& ASSOCIATES, INC.****Change Request**

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR273
Date: 10/25/21
Job: 2153 Arlington High School
Phone:

PARRA Review
comments in red/yellow.
01/25/2022

Description: ASI-169 - Revisions to Steel Bldg. E & B_Sub. 010722

Source: ASI # 169

We offer the following specifications and pricing to make the changes as described below:

CR169 includes costs associated with ASI-169 - Revisions to Steel Bldg. E & B (Ph. 2) dated 10/19/21 issued by HMFH. Please see attached Trimax pricing for structural steel cost impacts and associated schedule of added/deleted members for additional information.

Assumptions & Qualifications:

- Costs associated with Overtime/Acceleration are not included.
- CCC has proceeded with this scope change in order to maintain schedule.

Description	Labor	Material	Equipment	Subcontract	Other	Price
TX-COR-1017 dated 11/5/21				\$17,757.46		\$17,757.46
					Subtotal:	\$17,757.46
		Bond (.75%)		\$17,757.46		\$133.18
		General Liability (1.2%)		\$17,757.46		\$213.09
		Subguard (1.4%)		\$17,757.46		\$248.60
		OH&P (5% subs, 10% self perform)		\$18,352.33		\$917.62
					Total:	\$19,269.95

☐ SCHEDULE IMPACT

☒ We have proceeded with this change to achieve schedule.

☐ As directed, we will not proceed with this change until formal direction from OWNER is received.

ARCHITECT

Consigli Construction Co., Inc.

CONTRACTOR

72 Sumner Street

Milford, MA 01757

OWNER

(Signature)

(Signature)

John LaMarre

John LaMarre

(Signature)

By

By

010722

By

Date

Date

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

72 Sumner Street, Milford MA 01757 • phone: 508-473-2580 • fax: 508-473-3588 • web: www.consigli.com

Hartford CT • Washington DC • Portland ME • Boston MA • Milford MA • Albany NY • New York NY • Pleasant Valley NY • Ronkonkoma NY



ARCHITECT’S SUPPLEMENTAL INSTRUCTIONS_____

ASI: 169

date: 10.19.2021

subject: Revisions to Steel in Phase 3 Part e. Revision to HSS size at Part b.

to: Chris Weber **from:** Arthur Duffy

project id: 408417

project: Arlington High School

distribution: ☒ Skanska ☒ Consigli
☒ HMFH Architects ☒ Other: FBRA

reference: Drawings S2.1e, S2.4e, S2.5b, S7.2.6

attachments: Sketches SKS-248 to SKS-253

OFFICE. (617) 492 2200
FAX. (617) 876 9775

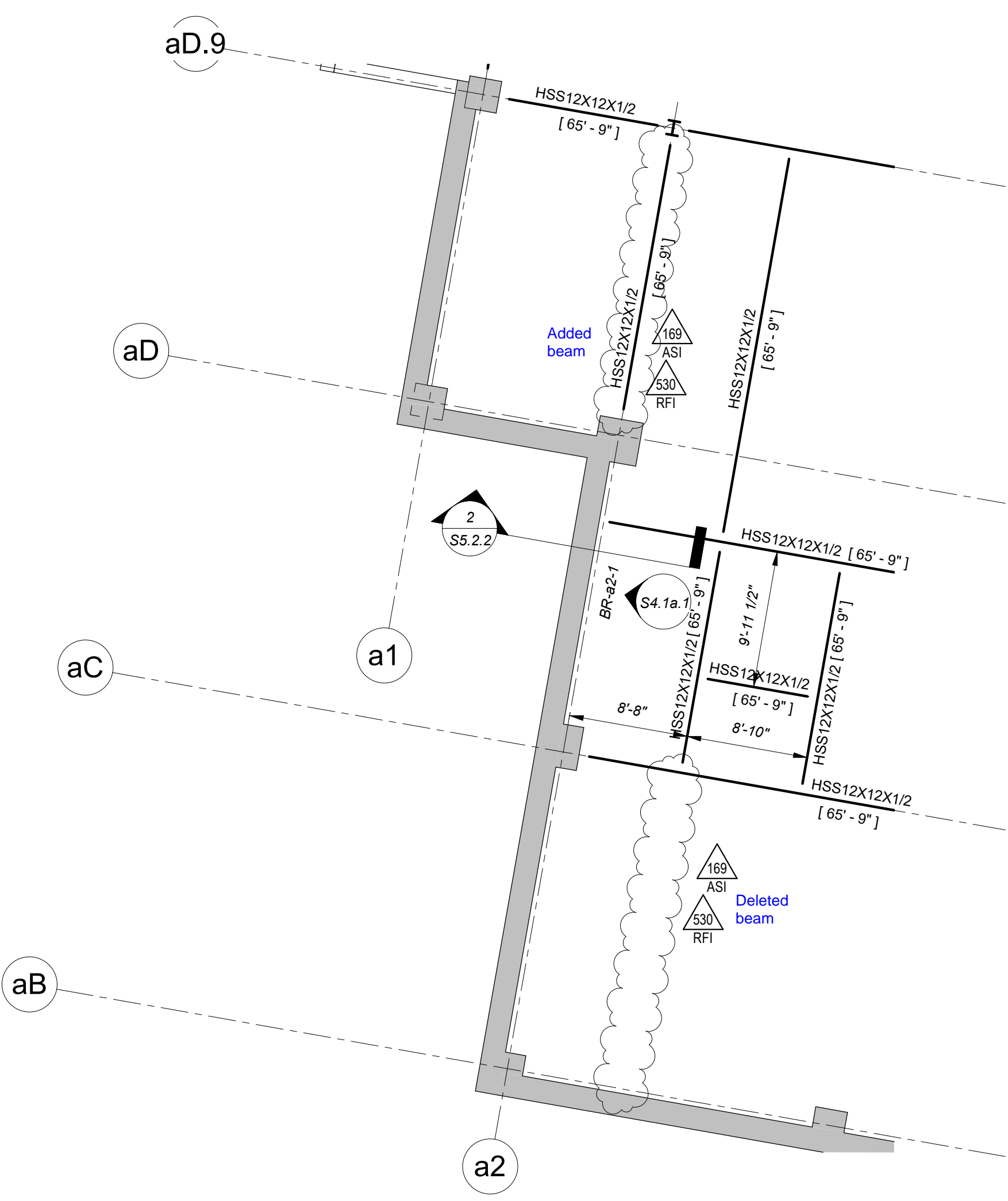
130 Bishop Allen Drive
Cambridge, MA 02139

hmfh.com

The Work shall be carried out in accordance with the following Supplemental Instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgement that there will be no change in the Contract Sum or Contract time.

Revisions to steel in part e (Phase 3 areas):
Revisions to beams at Upper 1st Floor Part e (see also RFI 530): **Sketches SKS-248, 249, 250.**
Revision to Skylight framing part e roof (see also RFI 527): **Sketches SKS-251, 252.**

Revision to steel girt size Part b 5th floor: **Sketch SKS-253**



UPPER FIRST FLOOR FRAMING PLAN - PART A
1/8" = 1'-0"

FoleyBuhlRoberts
structural engineers & ASSOCIATES INC
T 617-527-9600 2150 Washington St.
F 617-527-9606 www.fbra.com Newton MA 02462

REF.: S2.1a

RFI-530
ASI-169

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

H M
F H

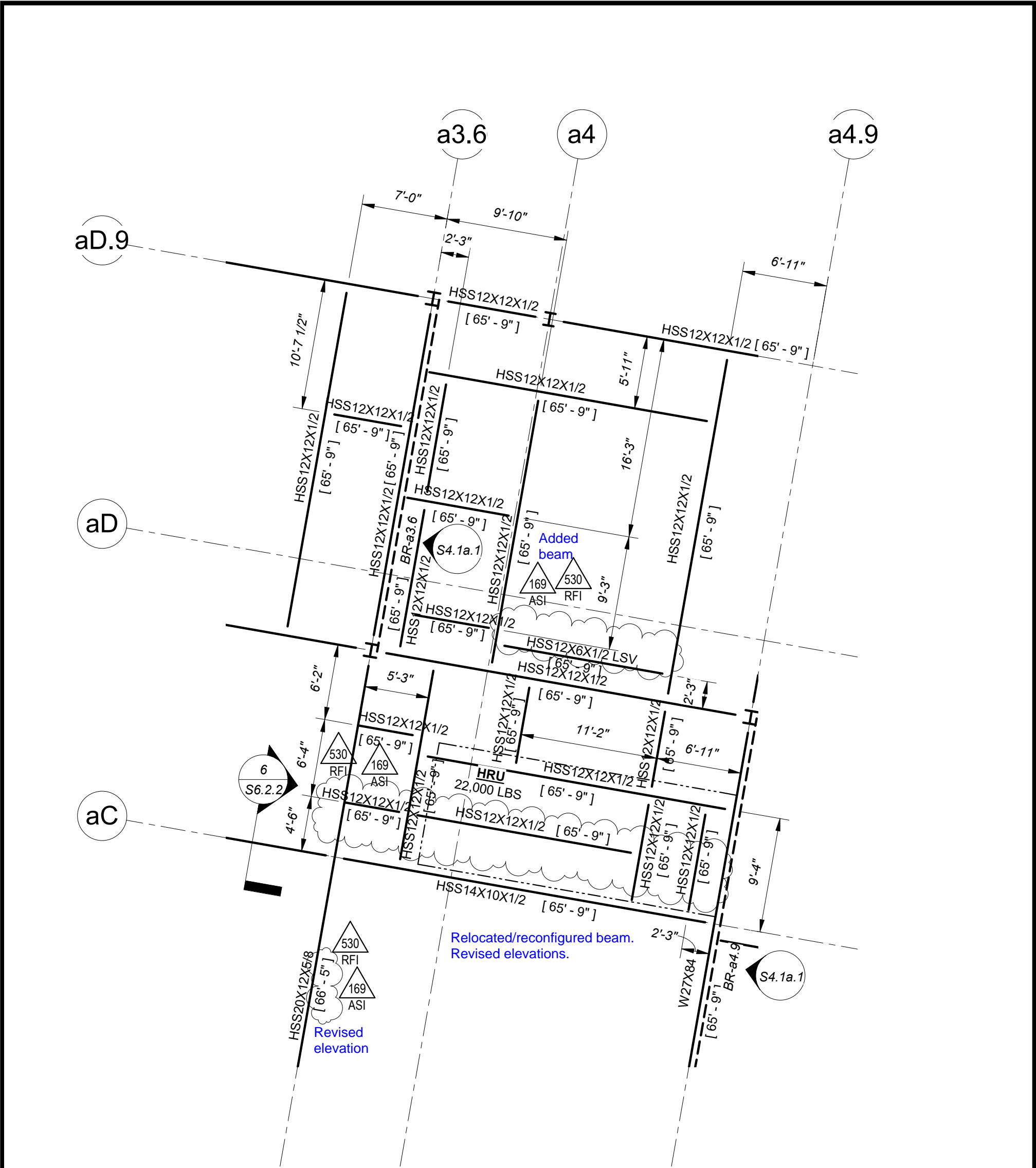
ARLINGTON HIGH SCHOOL
Massachusetts Avenue, Arlington, Massachusetts
Revision to Part A Upper First Floor -
Updated beams for CMU walls

SCALE: 1/8" = 1'-0" DATE: 10/18/21 DRAWN: LC CHECKED: JEG

DRAWING NUMBER

SKS
248

JOB NUMBER 2017172



UPPER FIRST FLOOR FRAMING PLAN - PART A
1/8" = 1'-0"

FoleyBuhlRoberts
structural engineers & ASSOCIATES INC
T 617-527-9600 2150 Washington St.
F 617-527-9606 www.fbra.com Newton MA 02462

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

H M F H

ARLINGTON HIGH SCHOOL
Massachusetts Avenue, Arlington, Massachusetts
Revision to Part A Upper First Floor -
Updated beams for CMU walls

SCALE: 1/8" = 1'-0" DATE: 10/18/21 DRAWN: LC CHECKED: JEG

REF.: S2.1a

RFI-530
ASI-169

DRAWING NUMBER

SKS
249

JOB NUMBER

2017172



2017172



REF.: 5/S7.2.6

RFI-527
ASI-169

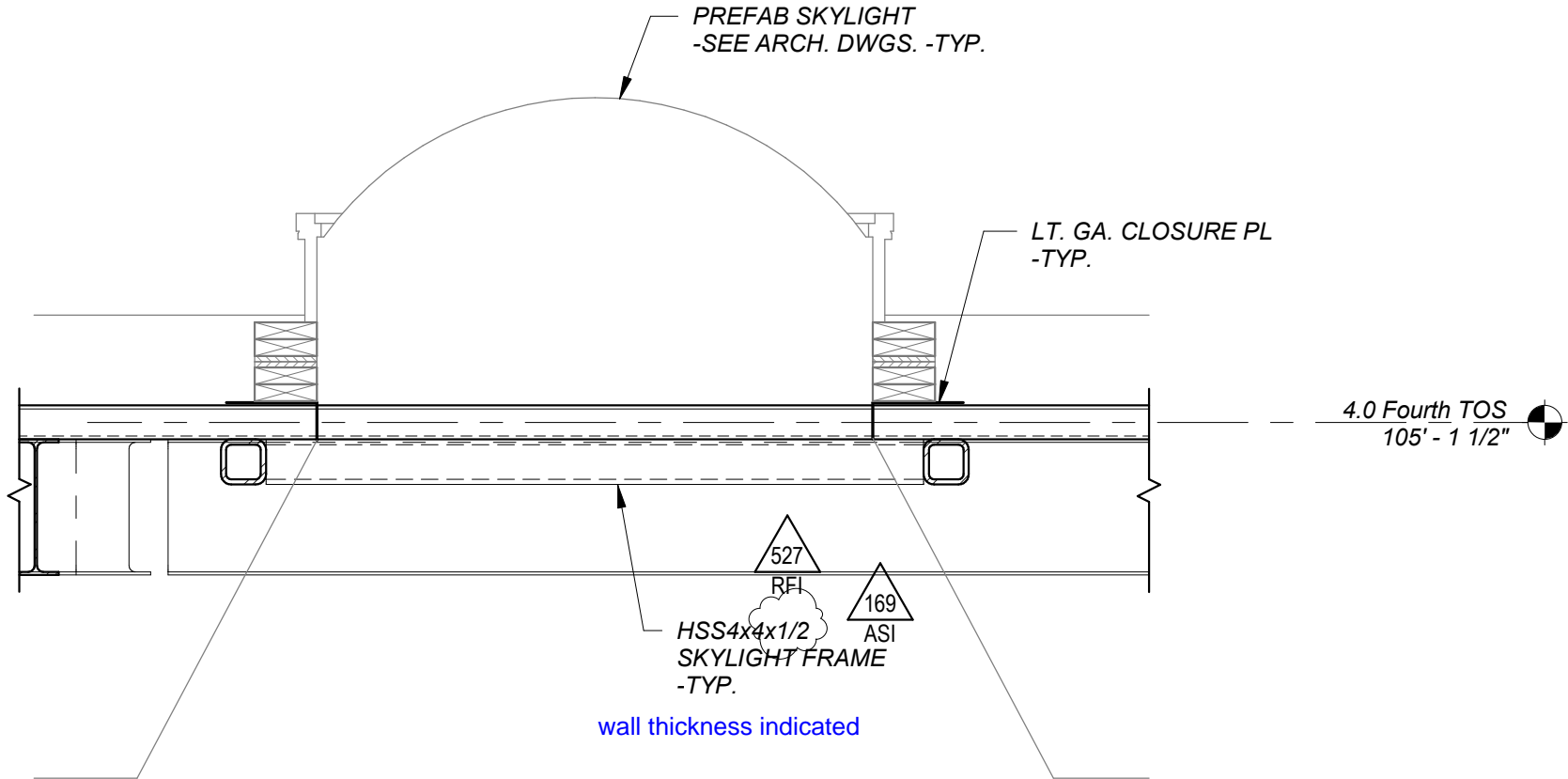
CCC - CR273R1

DRAWING NUMBER

SKS
252

JOB NUMBER

2017172



5 SECTION
3/4" = 1'-0"

FoleyBuhlRoberts

structural engineers & ASSOCIATES INC

T 617-527-9600
F 617-527-9606

www.fbra.com

2150 Washington St.
Newton MA 02462

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

HMFH

ARLINGTON HIGH SCHOOL
Massachusetts Avenue, Arlington, Massachusetts
Revision to Section 5/S7.2.6 - Clarification of HSS
thickness

SCALE: 3/4" = 1'-0" DATE: 10/18/21 DRAWN: LC CHECKED: JEG

TX-COR-1017 (ASI-169)

CHANGE ORDER REQUEST

2021-11-05 21008 ARLINGTON PHASE 2 & 3
Date Folder Project

CONSIGLI CONSTRUCTION CO INC.
Client

Description

Cost adjustments for ASI-169

CODE	QUANTITY	DESCRIPTION	ITEM	UNIT PRICE	PRICE
	5 025,0 lbs	Steel - NM		1,35	6 783,75
	20,0 hrs	Fabrication - NM		85,00	1 700,00
	2,2 ton	Installation -NM		1 650,00	3 630,00
	17,0 hrs	Drafting - NM		65,00	1 105,00
	7,0 hrs	Engineering - NM		120,00	840,00
	1,0	Bonding - NM		123,00	123,00
	2,0 hrs	Coordination - NM		110,00	220,00
	5 025,0 tr	Site Transport - NM		0,10	502,50

PRICE GOOD FOR 10 DAYS

If a P.O. is necessary to proceed with the above mentioned work, please forward immediatly via fax before beginning of work. If we do not receive a P.O. we will consider that you accept our price and that you authorize us to perform the extra work wich will be fully paid and compasated.

SUBTOTAL (USD) : 14 898,97 ✓
10,0% overhead&Profit : 1 489,89 ✓
TOTAL (USD) : 16 388,86 ✓

Arlington High School
TX-COR-1017 - ASI-169

EXTRA						CREDIT					
Location	QTY	Description	length (FT)	Total weight		QTY	Description	length (FT)	Total weight	Comments	
SKS-248											
1-HSS12x12x1/2 Added	1	HSS12x12x1/2	76,07	21,5	1635,51						
1-HSS12x12x1/2 Removed						1	HSS12x12x1/2	76,07	23,667	1800,35	
SKS-249											
1-HSS12x6x1/2 Added	1	HSS12x6x1/2	55,66	14,5	807,07						
1-HSS12x12x1/2 Added	1	HSS12x12x1/2	76,07	5,25	399,37						
1-HSS12x12x1/2 Shorter	1	HSS12x12x1/2	76,07	19,08	1451,42	1	HSS12x12x1/2	76,07	24	1825,68	
2-HSS12x12x1/2 Longer	2	HSS12x12x1/2	76,07	9,33	1419,47	2	HSS12x12x1/2	76,07	8,92	1357,09	
SKS-250											
1-HSS12x6x1/2 Added	1	HSS12x6x1/2	55,66	14,75	820,99						
1-HSS8x8x1/2 Added	1	HSS8x8x1/2	48,85	23,33	1139,67						
1-HSS8x8x1/2 Added	1	HSS8x8x1/2	48,85	22,75	1111,34						
1-HSS8x8x1/2 Added	1	HSS8x8x1/2	48,85	6	293,10						
SKS-251											
6- Removed HSS4x4x3/8						6	HSS4x4x3/8	17,27	5	518,10	
SKS-252											
12- HSS4x4x3/8 Changed for 4x4x1/2	12	HSS4x4x1/2	21,63	6,25	1622,25	12	HSS4x4x3/8	17,27	6,25	1295,25	Considered HSS4x4x3/8 at bid
12- HSS4x4x3/8 Changed for 4x4x1/2	6	HSS4x4x1/2	21,63	5,167	670,57	6	HSS4x4x3/8	17,27	5,167	535,40	Considered HSS4x4x3/8 at bid
1- HSS4x4x3/8 Changed for 4x4x1/2	1	HSS4x4x1/2	21,63	3,92	84,79	1	HSS4x4x3/8	17,27	3,92	67,70	Considered HSS4x4x3/8 at bid
1- HSS4x4x3/8 Changed for 4x4x1/2	1	HSS4x4x1/2	21,63	4,167	90,13	1	HSS4x4x3/8	17,27	4,167	71,96	Considered HSS4x4x3/8 at bid
2- HSS4x4x3/8 Changed for 4x4x1/2	2	HSS4x4x1/2	21,63	3,167	137,00	2	HSS4x4x3/8	17,27	3,167	109,39	Considered HSS4x4x3/8 at bid
11 HSS4x4x3/8 Changed for 4x4x1/2	1	HSS4x4x1/2	21,63	5	108,15	1	HSS4x4x3/8	17,27	5	86,35	Considered HSS4x4x3/8 at bid
1- HSS4x4x3/8 Changed for 4x4x1/2	1	HSS4x4x1/2	21,63	5,833	126,17	1	HSS4x4x3/8	17,27	5,833	100,74	Considered HSS4x4x3/8 at bid
22- HSS4x4x3/8 Changed for 4x4x1/2	2	HSS4x4x1/2	21,63	4,417	191,08	2	HSS4x4x3/8	17,27	4,417	152,56	Considered HSS4x4x3/8 at bid
SKS-253											
1-HSS12x8x1/2 Changed for HSS14x6x1/2	1	HSS14x6x1/2	62,46	14,75	921,29	1	HSS12x8x1/2	62,46	14,75	921,29	
	37					37					
Total:					13029,35	Total:					8841,86
Matériel loss:					837,50						
					5024,99						





TX-COR-1017 (ASI-169)

CHANGE ORDER REQUEST

2021-11-05 21008 ARLINGTON PHASE 1 & 3
Date Folder Project

CONSIGLI CONSTRUCTION CO INC.
Client

Description

Cost adjustments for ASI-169

CODE	QUANTITY	DESCRIPTION	ITEM	UNIT PRICE	PRICE
	5 188,0 lbs	Steel - NM		1,35	7 003,80
	24,0 hrs	Fabrication - NM		85,00	2 040,00
	2,6 ton	Installation - NM		1 650,00	4 290,00
	17,0 hrs	Drafting - NM		65,00	1 105,00
	7,0 hrs	Engineering - NM		120,00	840,00
	1,0	Reinforcing - NM		131,00	131,00
	2,0 hr	Coordination - NM		110,00	220,00
	5 188,0 tr	Site Transport - NM		0,10	518,80

Do not apply "typical" Installation/Drafting/Engineering cost/tonnage to the SKS-252 tonnage because the change in wall thickness does not impact these items

PRICE GOOD FOR 10 DAYS

If a P.O. is necessary to proceed with the above mentioned work, please forward immediatly via fax before beginning of work. If we do not receive a P.O. we will consider that you accept our price and that you authorize us to perform the extra work wich will be fully paid and compasated.

SUBTOTAL (USD) : 16 143,15

10,0% overhead&Profit : 1 614,31

TOTAL (USD) : 17 757,46

Arlington High School
TX-COR-1017 - ASI-169

EXTRA						CREDIT					
Location	QTY	Description	length (FT)	Total weight		QTY	Description	length (FT)	Total weight	Comments	
SKS-248											
1-HSS12x12x1/2 Added	1	HSS12x12x1/2	76,07	21,5	1635,51						
1-HSS12x12x1/2 Removed						1	HSS12x12x1/2	76,07	23,667	1800,35	
SKS-249											
1-HSS12x6x1/2 Added	1	HSS12x6x1/2	55,66	14,5	807,07						
1-HSS12x12x1/2 Added	1	HSS12x12x1/2	76,07	5,25	399,37						
1-HSS12x12x1/2 Shorter	1	HSS12x12x1/2	76,07	19,08	1451,42	1	HSS12x12x1/2	76,07	24	1825,68	
2-HSS12x12x1/2 Longer	2	HSS12x12x1/2	76,07	9,33	1419,47	2	HSS12x12x1/2	76,07	8,92	1357,09	
SKS-250											
1-HSS12x6x1/2 Added	1	HSS12x6x1/2	55,66	14,75	820,99						
1-HSS8x8x1/2 Added	1	HSS8x8x1/2	48,85	23,33	1111,67						
1-HSS8x8x1/2 Added	1	HSS8x8x1/2	48,85	22,75	1111,64						
1-HSS8x8x1/2 Added	1	HSS8x8x1/2	48,85	6	299,10						
SKS-251											
6- Removed HSS4x4x3/8						6	HSS4x4x3/8	17,27	5	518,10	
SKS-252											
12- HSS4x4x3/8 Changed for 4x4x1/2	12	HSS4x4x1/2	21,63	5,25	1622,25	12	HSS4x4x3/8	17,27	6,25	1295,25	Considered HSS4x4x3/8 at bid
12- HSS4x4x3/8 Changed for 4x4x1/3	12 6 ?	HSS4x4x1/2	21,63	5,167	1341,15	12 6 ?	HSS4x4x3/8	17,27	5,167	1070,81	Considered HSS4x4x3/8 at bid
1- HSS4x4x3/8 Changed for 4x4x1/4	1	HSS4x4x1/2	21,63	3,92	84,79	1	HSS4x4x3/8	17,27	3,92	67,70	Considered HSS4x4x3/8 at bid
1- HSS4x4x3/8 Changed for 4x4x1/5	1	HSS4x4x1/2	21,63	4,167	90,13	1	HSS4x4x3/8	17,27	4,167	71,96	Considered HSS4x4x3/8 at bid
2- HSS4x4x3/8 Changed for 4x4x1/6	2	HSS4x4x1/2	21,63	3,167	137,00	2	HSS4x4x3/8	17,27	3,167	109,39	Considered HSS4x4x3/8 at bid
11 HSS4x4x3/8 Changed for 4x4x1/7	1	HSS4x4x1/2	21,63	5	108,15	1	HSS4x4x3/8	17,27	5	86,35	Considered HSS4x4x3/8 at bid
1- HSS4x4x3/8 Changed for 4x4x1/8	1	HSS4x4x1/2	21,63	5,833	126,17	1	HSS4x4x3/8	17,27	5,833	100,74	Considered HSS4x4x3/8 at bid
22- HSS4x4x3/8 Changed for 4x4x1/9	2	HSS4x4x1/2	21,63	4,417	191,08	2	HSS4x4x3/8	17,27	4,417	152,56	Considered HSS4x4x3/8 at bid
SKS-253											
1-HSS12x8x1/2 Changed for HSS14x6x1/2	1	HSS14x6x1/2	62,46	14,75	921,29	1	HSS12x8x1/2	62,46	14,75	921,29	
	43					43					
				Total:	13699,92					Total:	9377,26
				Matériel loss:	864,53						
					5187,19						

Should say 4x4x1/2?

Check quantity - only 26 total on S2.4e - this adds up to 32?

Total: 13699,92
 Matériel loss: 864,53
 5187,19 ✓



Change Request

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR283
Date: 11/15/21
Job: 2153 Arlington High School
Phone:

Description: RFI-542 - Added Ice Maker Drains Missing Pipe Bldg. D_Sub. 020522

Source: RFI # 542

We offer the following specifications and pricing to make the changes as described below:

CR283 includes costs associated with RFI-542 - Added Ice Maker Drains Missing Pipe - Bldg. D Response dated 10/26/21 issued by HMFH. Per RFI and response, plumbing drawings called for water connections to the ice makers, however per ice maker submittal the equipment requires 3/4" drain that is not shown on plumbing scope. CR283 includes costs for EAS to F&I ice maker drain lines and tie into adjacent sinks in 527A and 427A, and in 327A core through slab and tie into P-9 sink below in 227 woodshop. Please see attached pricing and associated backup for additional information.

Assumptions & Qualifications:

- CCC has proceeded with this scope in order to maintain schedule
- Costs associated with Overtime/Acceleration are not included
- Costs associated with patching/repair of adjacent finishes are not included if required

Description	Labor	Material	Equipment	Subcontract	Other	Price
E. Amanti and Sons				\$3,230.00		\$3,230.00
					Subtotal:	\$3,230.00
			Bond (.75%)	\$3,230.00		\$24.23
			General Liability (1.2%)	\$3,230.00		\$38.76
			Subguard (1.4%)	\$3,230.00		\$0.00
			OH&P (5% subs, 10% self perform)	\$3,292.99		\$164.65
					Total:	\$3,457.64

☐ SCHEDULE IMPACT

☒ We have proceeded with this change to achieve schedule.

☐ As directed, we will not proceed with this change until formal direction from OWNER is received.

ARCHITECT

Consigli Construction Co., Inc.

CONTRACTOR

72 Sumner Street

Milford, MA 01757

OWNER

(Signature)

Arthur Duffy

By

02/14/2022

Date

(Signature)

John LaMarre

By

2/05/22

Date

(Signature)

Jim Burrows

By

2/15/2022

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

72 Sumner Street, Milford MA 01757 • phone: 508-473-2580 • fax: 508-473-3588 • web: www.consigli.com

Hartford CT • Washington DC • Portland ME • Boston MA • Milford MA • Albany NY • New York NY • Pleasant Valley NY • Ronkonkoma NY

Weber, Chris





From: Weber, Chris
Sent: Monday, November 15, 2021 9:30 AM
To: Jim Burrows; aduffy@hmfh.com
Cc: Victoria.Clifford@skanska.com; sy.nguyen@skanska.com; Dockendorf, David; Raymond, Hal; Condon, Patrick
Subject: FW:NOC - RFI: #542: Ice Makers Missing Drain Pipe (Building D) (EAS RFI #57)_CR283

Jim/Arthur,

Following up with NOC associated with RFI-542 – Ice Makers missing Drain (Bldg D.) We have received pricing from EAS to F&I Install ice maker drain for 427A and 527A by installing directly into the sink in the adjacent room via an indirect waste receptor with a backwater valve connected to a fixture trap. 327A shall be tied into the woodshop sink on the floor below with the same condition per direction given in RFI-542 response. **Total ROM Value \$3,500.** We have directed EAS to proceed with this scope in order to maintain schedule. We have assigned **CR283** to this change for tracking purposes.

Thanks and let me know if you have any questions.
Chris




Chris Weber
Project Manager
m: 774.573.4072
    [consigli.com](https://www.consigli.com)

From: Kevin Samya (Consigli Construction Co., Inc.) <Consigli_Notifications@procoretech.com>
Sent: Monday, November 1, 2021 1:45 PM
To: Weber, Chris <cweber@consigli.com>
Subject: FW: RFI: #542: Ice Makers Missing Drain Pipe (Building D) (EAS RFI #57)

Arlington High School



More details: [View online](#)  [View PDF](#)

From: Kevin Samya (Consigli Construction Co., Inc.)
Date: Monday, November 1, 2021 at 01:44 pm EDT



Ice Makers Missing Drain Pipe (Building D) (EAS RFI #57)

TO:	Stephanie MacNeil (HMFH Architects) Arthur Duffy (HMFH Architects)	FROM:	Kevin Samya (Consigli Construction Co., Inc.) 72 Sumner Street Milford, Massachusetts 01757
DATE INITIATED:	10/19/2021	STATUS:	Open
LOCATION:	Arlington High School>Building D (Phase 1)	DUE DATE:	10/24/2021
COST CODE:		REFERENCE:	EAS RFI #57
COST IMPACT:	TBD	SCHEDULE IMPACT:	TBD
DRAWING NUMBER:	P2.2d, P2.3d, P2.4d, P2.5d	SPEC SECTION:	220000 - Plumbing
RECEIVED FROM:	Gary Prescott (E. Amanti & Sons, Inc.)		

COPIES TO:

CA Bala (Bala Consulting Engineers), Gil Castera (Bala), Victoria Clifford (Skanska USA Inc.), Greg Cmar (Interval Data Systems), Patrick Condon (Consigli Construction Co., Inc.), Ken Davis (Bala Consulting Engineers), Tom DeRosa (Consigli Construction Co., Inc.), David Dockendorf (Consigli Construction Co., Inc.), Arthur Duffy (HMFH Architects), Jim Fikiet (Skanska USA Inc.), Ryan Flynn (Bala Consulting Engineers), Vianely Franco (HMFH Architects), Kevin Fuller (Interval Data Systems), Mike Gagne (Interval Data Systems), Bill Gnerre (Interval Data Systems), George Hines (Bala Consulting Engineers), William Lentz (Bala Consulting Engineers), Stephanie MacNeil (HMFH Architects), Scott Martino (Consigli Construction Co., Inc.), Chuck McWilliams (Consigli Construction Co., Inc.), Reid Mullett (Rist-Frost-Shumway Engineering (RFS)), Sy Nguyen (Skanska USA Inc.), Fran Patnode (Rist-Frost-Shumway Engineering (RFS)), Hal Raymond (Skanska USA Inc.), Richard Rivera (Bala Consulting Engineers), Kevin Samya (Consigli Construction Co., Inc.), Mason Saunders (Consigli Construction Co., Inc.), Vikram Singh (Consigli Construction Co., Inc.), Chris Weber (Consigli Construction Co., Inc.)

Question from Kevin Samya (Consigli Construction Co., Inc.) at 03:57 PM on 10/19/2021

Please reference the attached EAS RFI #57. Please reference Plumbing Drawings P2.2d, P2.3d, P2.4d, and P2.5d.

Prep Rooms 327A, 427A, and 527A have a dedicated Ice Maker #2 in the rooms. Plumbing Drawings P2.3d, P2.4d, and P2.5d shows the required Ice Maker Boxes with water connections at these locations. The specified and approved Ice Maker #2 (Submittal #1145000-001) requires a drain 3/4" drain connection per the manufacturers installation manual, but the plumbing drawings do not identify sanitary pipe going to the Ice Maker. It is believed that additional sanitary pipe needs to be added in addition to the built-in pump to meet the design intent. We propose the following resolution.

- Prep Room 527A - Utilize 6" Casework Chase to tie ice maker drain into the PX-1 sink in Science Classroom 527
- Prep Room 427A - Utilize 6" Casework Chase to tie ice maker drain into the PX-1 sink in Science Classroom 427
- Prep Room 327A - There is no adjacent sink on Level 3 to tie the ice maker drain into. We would core through to Level 2 and tie the ice maker drain into the P-9 sink in Maker/Woodshop 227

Please confirm the proposed solution is acceptable. Please provide sketches for the intended design.

Attachments:

[RFI #542 - Ice Makers Missing Drain Pipe \(Building D\) \(EAS RFI #57\).pdf](#)

Awaiting an Official Response

All Replies:

The proposed resolution for rooms 527A, 427A, 327A with the proposed connection point is acceptable via an indirect waste receptor with a backwater valve connected to a fixture trap where feasible. Otherwise provide a separate trap and vent line as required.

William Lentz - Bala 10/26/2021

BY

10/26/2021

DATE

COPIES TO

RFI #57: Ice makers

Status	Open		
To	Kevin Samya (Consigli Construction Co. Inc.)	From	John O'Donnell (E. Amanti & Sons, Inc.) 390 Highland Ave Salem, Massachusetts 01970
Date Initiated	Oct 13, 2021	Due Date	Oct 23, 2021
Location		Project Stage	Course of Construction
Cost Impact	TBD	Schedule Impact	TBD
Spec Section	220000 - Plumbing	Cost Code	
Drawing Number		Reference	
Linked Drawings			
Received From	John O'Donnell (E. Amanti & Sons, Inc.)	Sub Job	
Copies To	John O'Donnell (E. Amanti & Sons, Inc.), Gary Prescott (E. Amanti & Sons, Inc.)		

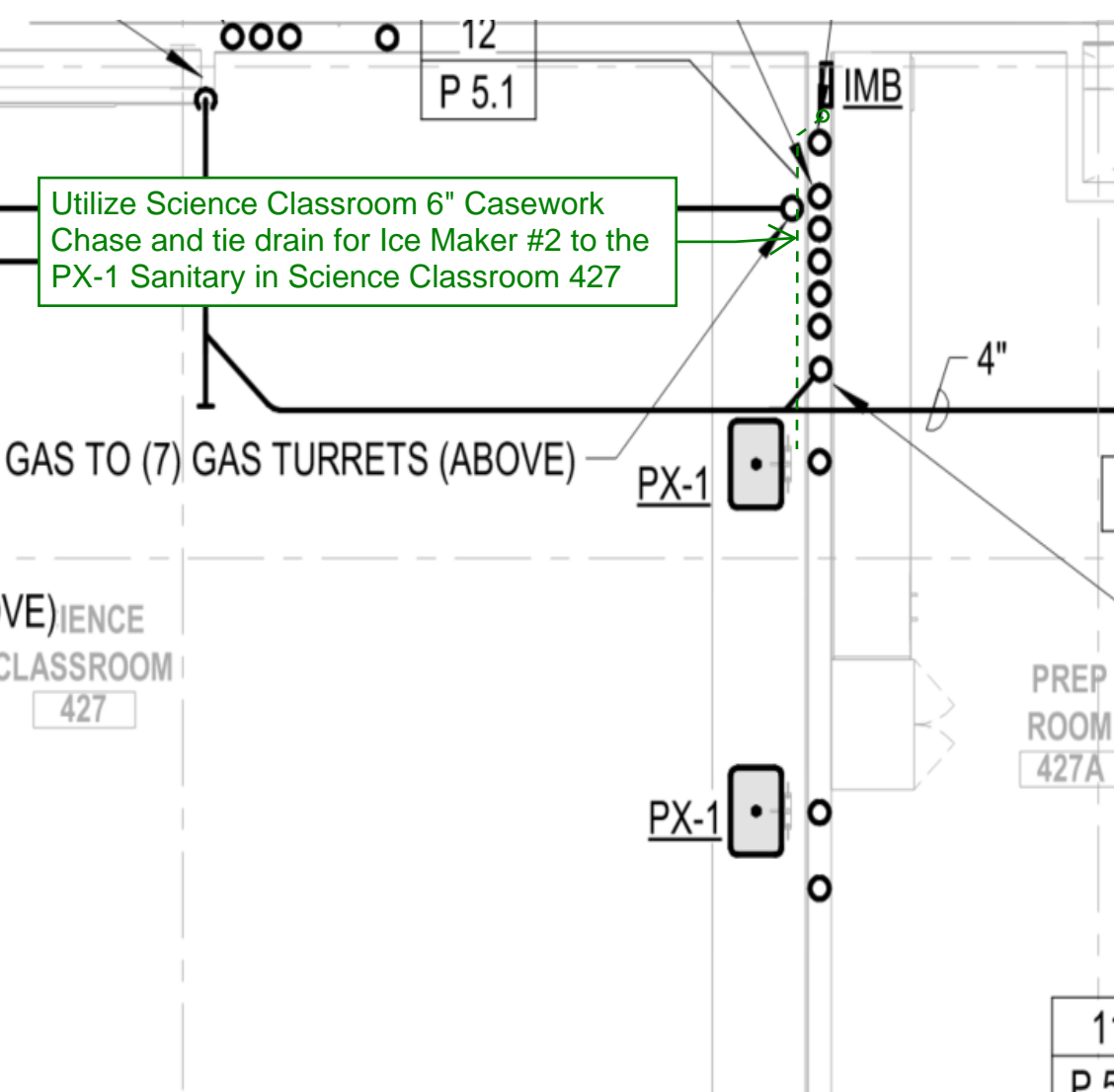
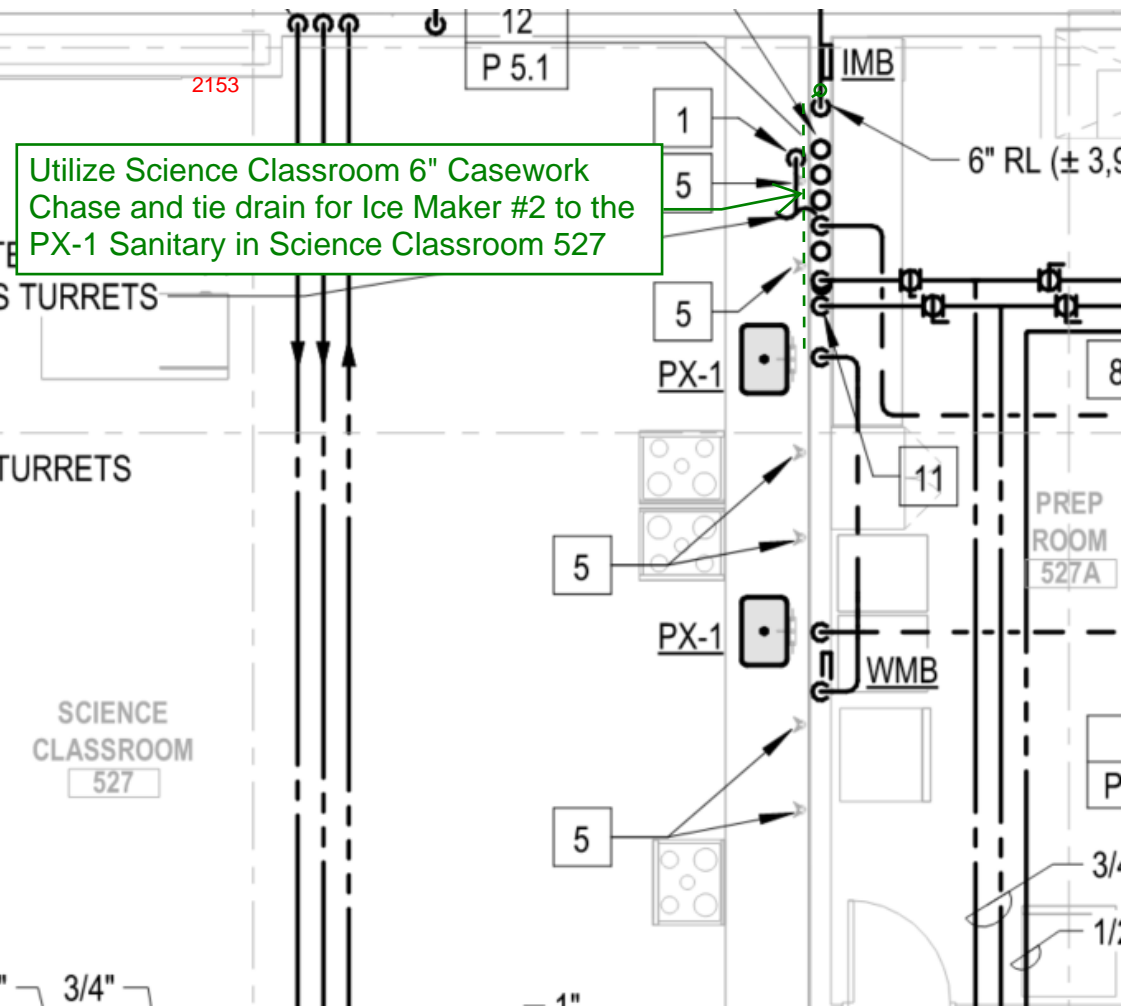
Activity

Question

Question from John O'Donnell E. Amanti & Sons, Inc. on Wednesday, Oct 13, 2021 at 02:21 PM EDT

There are 3 ice makers in D building in Rooms 327A, 427A and 527A, which have drain lines that need to be piped to an indirect drain, where should these drain lines be piped to? Please advise.

Awaiting an Official Response



2153

CCC - CR283

2" 4"

IMB

P-9

PREP ROOM

No local sink to tie Ice Maker #2 drain into existing sanitary pipe on Level 3. Need to pipe down to Level 2 and tie into the P-9 Sanitary Pipe in Maker/Woodshop 227

SCIENCE CLASSROOM
327

9

P-9

TWS

1"

P-8

6" RL ($\pm 3,935$ SF)

A

1/2" NPHWCR
3/4" NPHWR
3/4" NPCWR

MAKER /
WOOD
SHOP
227

FCO


BIM44G
APPROVED

 Specified BIM44G Ice Maker
requires a drain connection


33" x 14.5" x 23.5" (H x W x D)

 15" wide built-in undercounter NSF-listed clear icemaker
with automatic defrost and internal pump

Highlights:

Commercial ENERGY STAR certification

Flexible design allows built-in or freestanding use

Automatic defrost saves on user maintenance

Product Features:

 ENERGY STAR certified commercial
performance

Efficient performance for commercial use

Commercially approved

NSF listed for use in commercial establishments

Built-in pump

Internal pump allows more flexibility in placing the unit

Reversible door

Keep your options flexible with a reversible door that is easy to switch when your arrangement changes; Unit ships LHD but can be reversed in our factory or by the user

Automatic defrost

Reduced maintenance with auto defrost system

Built-in capable

Make the best use of space by installing your icemaker under the counter

Stainless steel door

Professional styling with lasting durability

Professional towel bar handle

A curved handle in brushed stainless steel offers an easy grip

Clear ice cube production

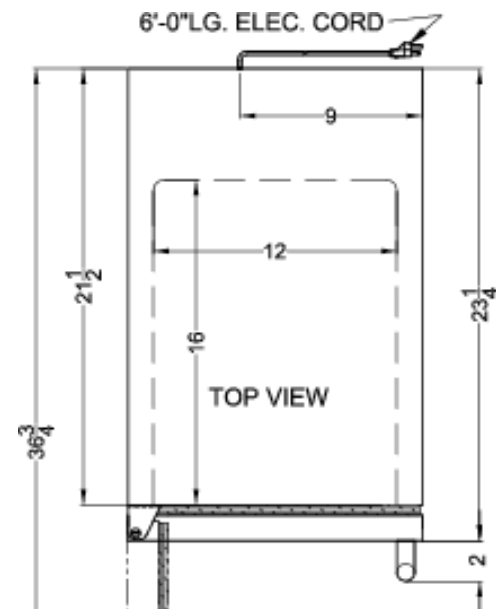
Makes cubes sized at 3/4" x 3/4" x 1"

 Utilize 59" Lift from
Built-In Pump for Drain

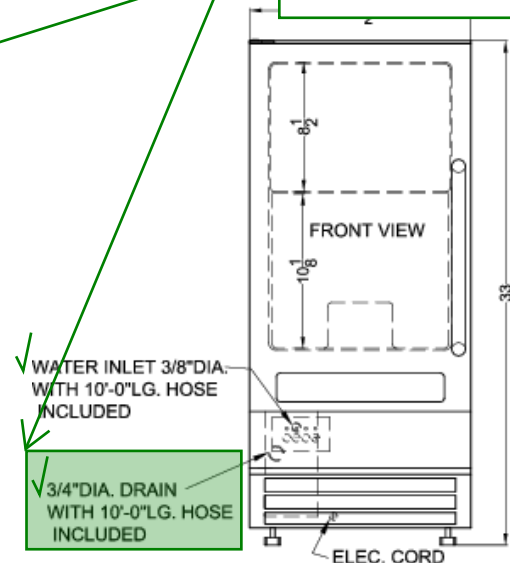


BIM44G Specifications:

Overview	
Height of Cabinet	33.0" (84 cm)
Width	14.5" (37 cm)
Depth	23.5" (60 cm)
Depth with Handle	25.0" (64 cm)
Depth with door at 90°	37.0" (94 cm)
Defrost Type	Automatic
Door	Stainless Steel
Cabinet	Black
US Electrical Safety	UL
Canadian Electrical Safety	ULC
Sanitation	NSF
Amps	4.8
Voltage/Frequency	115 V AC/60 Hz
Weight	100.0 lbs. (45 kg)
Shipping Weight	105.0 lbs. (48 kg)
Estimated Time to Ship	Next day shipping
Parts & Labor Warranty	1 Year
Compressor Warranty	5 Years
Icemaker	
Door Swing	LHD
Reversible	Yes
Drain Required	Yes
Daily Ice Production	50.0 lbs. (23 kg)
Ice Storage Capacity	25.0 lbs. (11 kg)
Ice Shape	Cube
Size of Cube	3/4" x 3/4" x 1"
Number of Ice Cube Sizes	1
Fan Type	Exterior
Refrigerant Type	R134a
Refrigerant Amount	3.88 oz.
High Side PSI	350.0
Low Side PSI	130.0
Interior Height	18.5" (47 cm)
Interior Width	12.0" (30 cm)
Interior Depth	16.0" (41 cm)
Level Legs	4



Ice Maker #2 requires a drain connection





E. Amanti & Sons, Inc.
390 Highland Ave.
Salem, Massachusetts 01970
Phone: (978) 745-4144
Fax: (978) 745-8833

Project: 2054 - Arlington, High School PL
869 Massachusetts Avenue
Arlington, Massachusetts 02476

Prime Contract Potential Change Order #012: RFI 542 added ice maker drains.

TO:	Consigli Construction Co. Inc. 72 Sumner Street Milford, Massachusetts 01757	FROM:	E. Amanti & Sons, Inc. 390 Highland Ave. Salem, Massachusetts 01970
PCO NUMBER/REVISION:	012 / 0	CONTRACT:	1 - Arlington, High School PL
REQUEST RECEIVED FROM:	Chris Weber (Consigli Construction Co. Inc.)	CREATED BY:	Gary Prescott (E. Amanti & Sons, Inc.)
STATUS:	Pending - In Review	CREATED DATE:	11/9/2021
REFERENCE:	RFI 542	PRIME CONTRACT CHANGE ORDER:	None
FIELD CHANGE:	No		
LOCATION:		ACCOUNTING METHOD:	Amount Based
SCHEDULE IMPACT:		PAID IN FULL:	No
EXECUTED:	No	SIGNED CHANGE ORDER RECEIVED DATE:	
		TOTAL AMOUNT:	\$3,230.00

POTENTIAL CHANGE ORDER TITLE: RFI 542 added ice maker drains.

CHANGE REASON: Design Development

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*
RFI 542 added ice maker drains.

ATTACHMENTS:

[RFI 542 ice maker drain piping 2021.11.9.pdf](#)

#	Budget Code	Description	Amount
1	G.22-220090.O General.Plumbing General Conditions.Other	RFI 542 added ice maker drains.	\$3,230.00
Grand Total:			\$3,230.00

Arthur Duffy (HMFH Architects)

Consigli Construction Co. Inc.
72 Sumner Street
Milford, Massachusetts 01757

E. Amanti & Sons, Inc.
390 Highland Ave.
Salem, Massachusetts 01970

SIGNATURE

DATE

SIGNATURE

DATE

SIGNATURE

DATE

2153		CM AT RISK ONLY CCC - CR283	
PROJECT NAME	Arlington HS	PROJECT NO.	
		CONSTR. MGR	Consigli Construction
PCO NUMBER		PCO DESC.	RFI 542 additional ice maker drain piping.
PCO DATE			
FORMAT FOR SUBMISSION OF CHANGE ORDER WORK OF <u>SUBCONTRACTOR</u> AND/OR <u>CONSTRUCTION MANAGER</u>			
NAME OF FIRM SUBMITTING CHANGE ORDER	E. Amanti & Sons Inc.		

1. DIRECT LABOR: SUBCONTRACTOR:

Use only Prevailing Wage Rates or Owner-Approved Wages and Rates

Applicable Prevailing Wage Rate for each Trade and Classification MUST be completed!

Allowable Excess fringes are those fringes required to be paid per union contract which exceed the contract prevailing wage and have been approved by Owner

Trade	Classification	Total Hrs. <u>Worked</u>	Prevailing Wage Rate (Per Contract Specs) THIS FIELD IS REQUIRED	These values shall be taken from the Rate Approval Sheet, after its approval by Owner.				Total Direct Labor Cost
				Base Wage Rate for Ins/Taxes (Item I from Wage Approval Sheet)	Approved Excess Fringes per Hour (Item K from Wage Approval Sheet)	Total Cost for Base Wages (subject to ins/taxes)	Total Cost for Approved Excess Fringes	
Plumbing	Journeyman	16.00	\$ 91.02			\$ 1,456.32	\$ -	\$ 1,456.32
Plumbing	Foreman	4.00	\$ 105.09			\$ 420.36	\$ -	\$ 420.36
						\$ -	\$ -	\$ -
						\$ -	\$ -	\$ -
						\$ -	\$ -	\$ -
TOTAL BASE, EXCESS AND DIRECT LABOR COSTS						\$ 1,876.68	\$ -	\$ 1,876.68

2. MATERIALS: SUBCONTRACTOR: (For extensive material lists, attach detailed backup and enter as a lump sum below)

Material Description	Qty	Unit	Cost Per Unit	Total
1/2" Type L copper pipe	60.00	Foot	\$ 2.68	\$ 160.80
1/2" copper propress 90	15.00	Each	\$ 3.22	\$ 48.30
1/2" copper propress couplings	10.00	Each	\$ 2.95	\$ 29.50
1/2" copper propress x male adapters	3.00	Each	\$ 3.81	\$ 11.43
1/2" copper check valves	3.00	Each	\$ 25.54	\$ 76.62
1/2" male x 1/2" barb adapters	3.00	Each	\$ 12.26	\$ 36.78
5/8" hose clamps	3.00	Each	\$ 0.95	\$ 2.85
3/8" F&M plates	10.00	Each	\$ 2.48	\$ 24.80
1/2" Copper F&M rings	15.00	Each	\$ 3.07	\$ 46.05
3/8" drop in anchors	5.00	Each	\$ 0.51	\$ 2.55
3/8" x 6' threaded rod	6.00	Each	\$ 7.65	\$ 45.90
3/8" nuts	30.00	Each	\$ 0.16	\$ 4.80
				\$ -
				\$ -

TOTAL MATERIALS COST: \$ **490.38**

3. EQUIPMENT: SUBCONTRACTOR: (For extensive equipment lists, attached detailed backup and enter as a lump sum below)

Equipment Description	Qty	Unit	Cost Per Unit	Total
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -

TOTAL EQUIPMENT COST: \$ **-**

4. SUB TOTAL SUBCONTRACTOR DIRECT COST FOR ITEMS 1., 2. & 3.:

SUB TOTAL: \$ **2,367.06**

5. MISC. LUMP SUM SERVICES PROVIDED TO SUBCONTRACTOR (POLICE DETAIL, UTILITIES, ETC.):

Description of Miscellaneous Lump Sum Service - attach backup	Total

2153

PROJECT NAME

Arlington HS

PROJECT NO.

CONSTR. MGR

Consigli Construction

CM AT RISK ONLY
CCC - CR283

PCO NUMBER

PCO DATE

PCO DESC.

RFI 542 additional ice maker drain piping.

FORMAT FOR SUBMISSION OF CHANGE ORDER

WORK OF SUBCONTRACTOR AND/OR CONSTRUCTION MANAGER

NAME OF FIRM SUBMITTING CHANGE ORDER

E. Amanti & Sons Inc.

	\$	-
	\$	-
	\$	-
	\$	-

TOTAL MISC. LUMP SUM SERVICES COST: \$ -

6. SUB ALLOWED 5% O&P Mark Up - MISC. LUMP SUM SERVICES: 5.00% \$ -

7. SUB TOTAL SUBCONTRACTOR LINE ITEMS 4., 5. & 6.: SUB TOTAL: \$ 2,367.06

8. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:

Total Base Wages Subject to Insurance and Taxes from Item 1 above (If zero, use total direct labor cost)
Insurance & Taxes Rate (30% unless a higher rate has been formally approved by Owner)

\$	1,876.68
	30.00%

TOTAL COST INSURANCE AND TAXES \$ 563.00

9. OTHER APPROVED SUBCONTRACTOR DIRECT LABOR EXCESS FRINGE BENEFITS:

(i.e.: Apprentice Training, Education Fund, Legal, Travel, ETC.) --> excess fringes from Item 1 above

TOTAL EXCESS FRINGE BENEFITS: \$ -

10. OVERHEAD AND PROFIT OF SUBCONTRACTOR:

Subcontractor can charge 10% of actual total cost of Item 4. For a net CREDIT change order amount, use 0%

10.00% x ITEM 4: \$ 236.71

11. TOTAL OF ITEMS 7., 8. (A. or B.), 9. and 10.

TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR: \$ 3,166.77

11a. SUBCONTRACTOR PREMIUM FOR BOND

Required for CM trade subcontractors
Percentage of approved bond x item 11.

2.00% x ITEM 11: \$ 63.34

12 TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR, INCLUDING BOND COST

Enter the Value of Item 12 on the Summary Sheet

\$ 3,230.00
ROUNDED TO NEAREST DOLLAR

NOTE:

ALL change order proposals and invoices from the CONSTRUCTION MANAGER AND/OR SUBCONTRACTORS must include a cover letter on company letterhead identifying the PCO number, a description of the scope of work and the total cost of the proposed change order from that company. This information must be completed by every contractor doing work created by the change.



Change Request

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR290
Date: 11/15/21
Job: 2153 Arlington High School
Phone:

Description: ASI-123 - Plumbing Revisions Kitchen Equip. & Electrical Connection Heat Trace_Sub. 011022

Source: ASI # 123

We offer the following specifications and pricing to make the changes as described below:

CR290 includes costs associated with ASI-123 - Plumbing Revisions Kitchen Equipment & Electrical Connection Heat Trace dated 11/9/21 issued by HMFH. ASI-123 issued various revisions to plumbing connections and pipe sizing in coordination with kitchen equipment as well as added heat trace for indirect waste pipes. Heat trace furnished by EAS and installed by WJGEI. Please see attached pricing and associated backup for additional information.

Assumptions & Qualifications:

- Costs associated with overtime/acceleration are not included
- CCC will proceed with this change unless otherwise noted.

Description	Labor	Material	Equipment	Subcontract	Other	Price
WJGEI - Proposal #78 dated 12/9/21				\$1,352.40		\$1,352.40
EAS - PCO#014 dated 1/10/22				\$6,568.00		\$6,568.00
					Subtotal:	\$7,920.40
			Bond (.75%)	\$7,920.40		\$59.40
			General Liability (1.2%)	\$7,920.40		\$95.04
			Subguard (1.4%)	\$7,920.40		\$110.89
			OH&P (5% subs, 10% self perform)	\$8,185.73		\$409.29
					Total:	\$8,595.02

☐ SCHEDULE IMPACT

☒ We have proceeded with this change to achieve schedule.

☐ As directed, we will not proceed with this change until formal direction from OWNER is received.

ARCHITECT

Consigli Construction Co., Inc.

CONTRACTOR
72 Sumner Street
Milf

OWNER

(Signature)

Arthur Duffy

By

02/14/2022

Date

(Signature)

John LaMarre

By

1/10/22

Date

(Signature)

Jim Burrows

By

2/15/2022

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

72 Sumner Street, Milford MA 01757 • phone: 508-473-2580 • fax: 508-473-3588 • web: www.consigli.com
Hartford CT • Washington DC • Portland ME • Boston MA • Milford MA • Albany NY • New York NY • Pleasant Valley NY • Ronkonkoma NY

H M
F H

ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS _____

ASI: 123**date:** 11.9.2021**subject:** Plumbing revisions of connections to Kitchen equipment. Electrical connection to heat trace.**to:** Chris Weber**from:** Arthur Duffy**project id:** 408417**project:** Arlington High School**distribution:** ☒ Skanska☐ Consigli☒ HMFH Architects☒ Other: Bala**reference:** Drawings P4.1, E7.1, E10.2.6**attachments:** Sketches SKP-21, SKE-40A and SKE-40BOFFICE. (617) 492 2200
FAX. (617) 876 9775130 Bishop Allen Drive
Cambridge, MA 02139

hmfh.com

The Work shall be carried out in accordance with the following Supplemental Instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgement that there will be no change in the Contract Sum or Contract time.

Various revisions to plumbing service connections to Kitchen Equipment and provision for Heat trace to indirect waste pipes. **See sketch SKP-21**

Electrical Connection for Heat Trace. **See sketches SKE-40A and SKE-40B.**

2153

1
3ADD

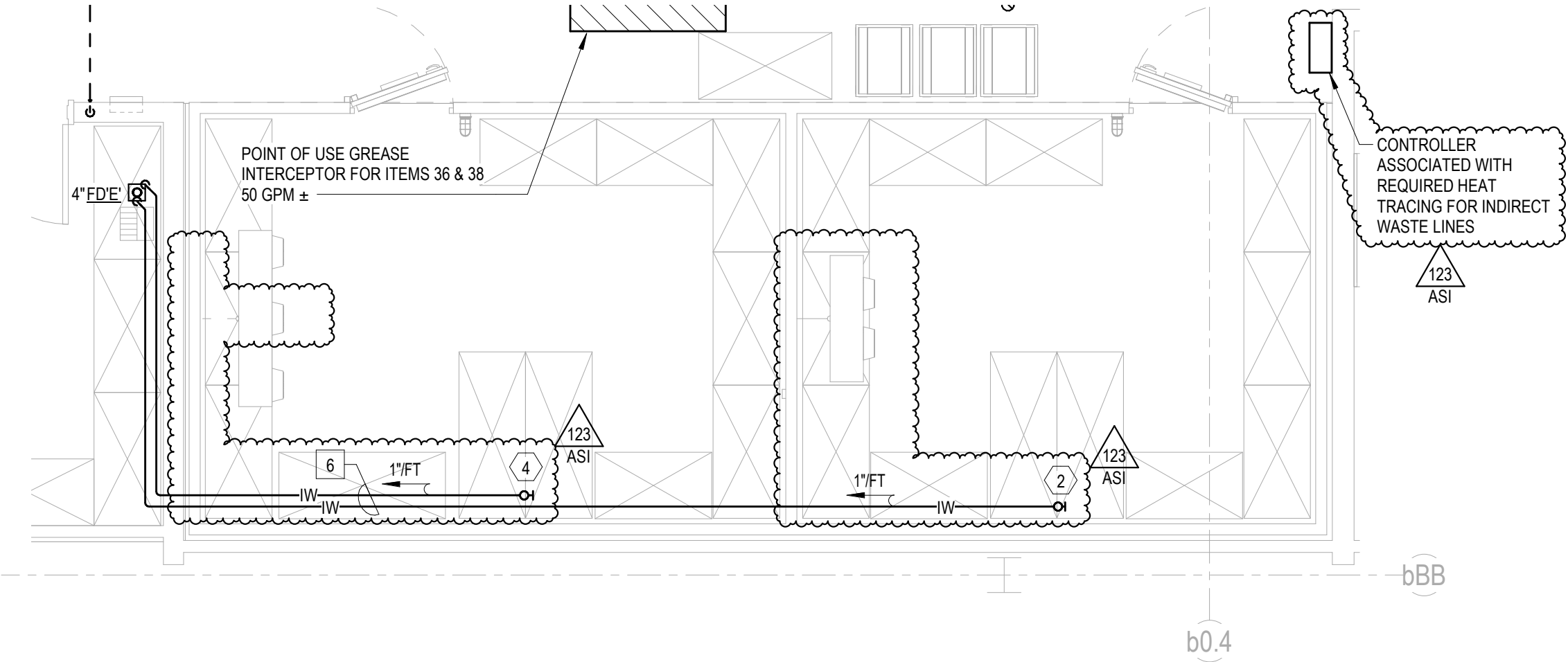
123
ASI

KITCHEN EQUIPMENT PLUMBING FIXTURE SCHEDULE							
ITEM	QTY	DESCRIPTION	CW	HW	W	IW"	COMMENTS
2	2	COOLER COIL	-	-	-	3/4"	DRAIN TO FD'E', 1/4"/FT
4	2	FREEZER COIL	-	-	-	3/4"	DRAIN TO FD'E', 1/4"/FT
12	2	SOILED DISHTABLE W/SINK	1/2"	1/2"	-	1 1/2"	
12A	2	DISPOSER/CONTROLS	1/2"	-	-	3"	DIRECT WASTE CONNECTION 5
14	2	DISHMACHINE	1/2"	1/2"	-	1 1/2"	SEE DETAIL 5
15	2	3-BAY POT SINK/CLEAN DISHTABLE	(2) 1/2"	(2) 1/2"	(3) 2"	-	DRAIN TO GREASE TRAP, BY PC
17	2	HAND SINK	1/2"	1/2"	1 1/2"	-	PROVIDE MIXING VALVE 5
26	2	WORK TABLE W/HAND SINK	1/2"	1/2"	1 1/2"	-	PROVIDE MIXING VALVE 5
31	2	WORK TABLE W/HAND SINK	1/2"	1/2"	1 1/2"	-	PROVIDE MIXING VALVE 5
35	2	40 GALLON TILTING KETTLE	1/2"	1/2"	-	-	3" W&TRAP BY PC 5
36	2	FLOOR TROUGH	1"	-	4"	-	-
37	2	30 GAL. TILTING SKILLET	1/2"	1/2"	-	-	GREASE TRAP, BY PC
38	2	FLOOR TROUGH	1/2"	-	4"	-	3" W&TRAP BY PC
39	2	CONVECTION STEAMER	(4) 3/4"	-	-	(2) 2 1/2"	-
44	4	DOUBLE STACK ELECTRIC COMBI-OVEN	3/4"	-	-	2"	-
47	2	WORK TABLE W/HAND SINK	1/2"	1/2"	1 1/2"	-	PROVIDE MIXING VALVE AT HAND SINK 123 ASI
50	2	PREP TABLE W/SINKS	1/2"	1/2"	-	(2) 2"	-
52	2	WORK TABLE W/HAND SINK	1/2"	1/2"	1 1/2"	-	PROVIDE MIXING VALVES AT HAND SINK 123 ASI
55	2	PREP TABLE W/SINKS	1/2"	1/2"	-	(2) 2"	-
59	2	HAND SINK	1/2"	1/2"	1 1/2"	-	PROVIDE MIXING VALVE
66	2	HOT FOOD WELLS W/AUTO WATER FILL	1/2" NP	-	-	1"	PROVIDE 1" MANIFOLD FOR (6) PANS PER UNIT TO 1" IW WITH DRAIN VALVE 5
68	2	HOT FOOD WELLS W/AUTO WATER FILL	1/2" NP	-	-	1"	PROVIDE 1" MANIFOLD FOR (6) PANS PER UNIT TO 1" IW WITH DRAIN VALVE 5
72	2	COLD FOOD WELLS	-	-	-	1"	PROVIDE 1" MANIFOLD FOR (6) PANS PER UNIT TO 1" IW WITH DRAIN VALVE 5
73	2	COLD FOOD WELLS	-	-	-	1"	PROVIDE 1" MANIFOLD FOR (6) PANS PER UNIT TO 1" IW WITH DRAIN VALVE 5

123
ASI

1
3ADD

* PLUMBING CONTRACTOR SHALL EXTEND ALL IW TO NEAREST FLOOR DRAINS/SINKS NOTED ON PLANS AND AS INTENDED PER KITCHEN DRAWING K2.3.



KEY NOTES:

- 1 PROVIDE CAPPED PIPE CONNECTION FOR PHASE 2 TO ALLOW CONTINUATION INTO IN PHASE 3.
- 2 DROPS TO BE EXTENDED UNDERCOUNTER TO ALL CONNECTIONS REQUIRED FOR THIS ISLAND.
- 3 EXTEND THE ASSOCIATED RELIEF DRAIN TOWARD THE NEAREST FD.
- 4 OFF OF CW DROP, PROVIDE FLOW TYPE TRAP PRIMER VALVE AND EXTEND PRIMER LINE TO NEAREST FLOOR DRAIN. REMAINING FLOOR DRAINS IN THIS AREA THAT ARE SUBJECT TO DRYING ARE TO BE PROVIDED WITH A TRAP GUARD OR SIMILAR.
- 5 EACH WATER CONNECTION SHALL INCLUDED INDIVIDUAL SHUTOFF.
- 6 PROVIDE FREEZE PROTECTION AND INSULATION ON IW LINES THROUGH FREEZER

123
ASI

BALA
ENGINEERS

PHILADELPHIA | NEW YORK | BOSTON | BALTIMORE
ARCHITECTS | ENGINEERS | INTERIORS
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BALA CONSULTING ENGINEERS, INC.
57 TEMPLE PLACE
BOSTON, MA 02111-1308
TEL: 617.552.1200
WWW.BALA.COM

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

HMFH

Arlington High School
PLUMBING KITCHEN REVISIONS

REF. DWG. P 4.1 ASI 123

DRAWING NUMBER

SKP
21

CCC - CR290

SCALE: 1/4" = 1'-0" DATE: 07/21/21 DRAWN: WAL CHECKED: GC

JOB NUMBER 6017442



HM FH
130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

CCC - CR290

DRAWING NUMBER

SKE

40A

JOB NUMBER

6017442

SCALE: DATE: 11/09/21 DRAWN: AuthorCHECKED: Checker

Panelboard: SDH1K														
Location: Supply From: MSB-OS-C Mounting: Surface Enclosure: Type 1					Distribution System: 480/277 Wye Phases: 3 Wires: 4 Modifications:					A.I.C. Rating: 65kAIC Mains Type: MCB Mains Rating: 800 A MCB Rating: 800				
Notes	Wiring	Ckt. No.	Load Description	Trip	Poles	A	B	C	Poles	Trip	Load Description	Ckt. No.	Wiring	Notes
		1	TRANSFORMER - SLD1K	350 A	3	63745 / 5667			3	70 A	6-BURNER RANGE W/ OVEN	2		
		3					69398 / 5667					4		
		5						67413 / 5667				6		
		7	DOUBLE CONVECTION OVEN	40 A	3	7333 / 1833			3	20 A	DOUBLE CONVECTION OVEN	8		
		9					7333 / 1833					10		
		11						7333 / 1833				12		
		13	FOOD WASTE RECYCLING SYSTEM	20 A	3	2653 / 7000			3	60 A	DISHWASHER	14		
		15					2653 / 7000					16		
		17						2653 / 7000				18		
		19	MAKE UP AIR UNIT	20 A	3	3333 / 3047			3	30 A	COMPACTOR	20		
		21					3333 / 3047					22		
		23						3333 / 3047				24		
		25	EWH-1	150 A	3	54000 / 54000			3	150 A	EWH-1	26		
		27					54000 / 54000					28		
		29						54000 / 54000				30		
		31	STORAGE TUNNEL EXHAUST FAN	20 A	3	375 / 2104			3	20 A	KITCHEN EXHAUST FAN F-1	32		
		33					375 / 2104					34		
		35						375 / 2104				36		
-	-	37	SPARE	30 A	3	0 / 0			3	40 A	SPARE	38		
		39					0 / 0					40	-	-
		41						0 / 0				42		
		43	DOUBLE CONVECTION OVEN	40 A	3	7333 / 1833			3	20 A	DOUBLE CONVECTION OVEN	44		
		45					7333 / 1833					46		
		47						7333 / 1833				48		
-	-	49	SPARE	20 A	3	0 / 8000			3	40 A	TILTING SKILLET/BRAISING PAN	50		
		51					0 / 8000					52		
		53						0 / 8000				54		
		55	COMBI OVEN	40 A	3	7467 / 7467			3	40 A	COMBI OVEN	56		
		57					7467 / 7467					58		
		59						7467 / 7467				60		
-	-	61	SPACE AND HARDWARE	-	-	0 / 230			1	30 A	HEAT TRACING	62		
-	-	63	SPACE AND HARDWARE	-	-		0 / 0		-	-	SPACE AND HARDWARE	64	-	-
-	-	65	SPACE AND HARDWARE	-	-			0 / 0	-	-	SPACE AND HARDWARE	66	-	-
-	-	67	SPACE AND HARDWARE	-	-	0 / 0			-	-	SPACE AND HARDWARE	68	-	-
-	-	69	SPACE AND HARDWARE	-	-		0 / 0		-	-	SPACE AND HARDWARE	70	-	-

2153		CM AT RISK ONLY CCC - CR290	
PROJECT NAME	Arlington HS	PROJECT NO.	
		CONSTR. MGR	Consigli Construction
PCO NUMBER		PCO DESC.	ASI-123 Heat trace at Kitchen
PCO DATE			
FORMAT FOR SUBMISSION OF CHANGE ORDER			
WORK OF <u>SUBCONTRACTOR</u> AND/OR <u>CONSTRUCTION MANAGER</u>			
NAME OF FIRM SUBMITTING CHANGE ORDER	E. Amanti & Sons Inc.		

1. DIRECT LABOR: SUBCONTRACTOR:

Use only Prevailing Wage Rates or Owner-Approved Wages and Rates

Applicable Prevailing Wage Rate for each Trade and Classification MUST be completed!

Allowable Excess fringes are those fringes required to be paid per union contract which exceed the contract prevailing wage and have been approved by Owner

Trade	Classification	Total Hrs. Worked	Prevailing Wage Rate (Per Contract Specs) THIS FIELD IS REQUIRED	These values shall be taken from the Rate Approval Sheet, after its approval by Owner.				Total Direct Labor Cost
				Base Wage Rate for Ins/Taxes (Item I from Wage Approval Sheet)	Approved Excess Fringes per Hour (Item K from Wage Approval Sheet)	Total Cost for Base Wages (subject to ins/taxes)	Total Cost for Approved Excess Fringes	
Plumbing	Journeyman	12.00	\$ 91.02			\$ 1,092.24	\$ -	\$ 1,092.24
Plumbing	Foreman	2.00	\$ 105.09			\$ 210.18	\$ -	\$ 210.18
						\$ -	\$ -	\$ -
						\$ -	\$ -	\$ -
						\$ -	\$ -	\$ -
TOTAL BASE, EXCESS AND DIRECT LABOR COSTS						\$ 1,302.42	\$ -	\$ 1,302.42

2. MATERIALS: SUBCONTRACTOR: (For extensive material lists, attach detailed backup and enter as a lump sum below)

Material Description	Qty	Unit	Cost Per Unit	Total
Heat trace components	1.00	Lot	\$ 3,817.93	\$ 3,817.93
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -

TOTAL MATERIALS COST: \$ 3,817.93

3. EQUIPMENT: SUBCONTRACTOR: (For extensive equipment lists, attached detailed backup and enter as a lump sum below)

Equipment Description	Qty	Unit	Cost Per Unit	Total
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -

TOTAL EQUIPMENT COST: \$ -

4. SUB TOTAL SUBCONTRACTOR DIRECT COST FOR ITEMS 1., 2. & 3.:

SUB TOTAL: \$ 5,120.35

5. MISC. LUMP SUM SERVICES PROVIDED TO SUBCONTRACTOR (POLICE DETAIL, UTILITIES, ETC.):

Description of Miscellaneous Lump Sum Service - attach backup	Total
Elad Insulation	\$ 360.00
	\$ -
	\$ -
	\$ -
	\$ -

TOTAL MISC. LUMP SUM SERVICES COST: \$ 360.00

		CM AT RISK ONLY CCC - CR290	
PROJECT NAME	Arlington HS	PROJECT NO.	
		CONSTR. MGR	Consigli Construction
PCO NUMBER		PCO DESC.	ASI-123 Heat trace at Kitchen
PCO DATE			
FORMAT FOR SUBMISSION OF CHANGE ORDER			
WORK OF <u>SUBCONTRACTOR</u> AND/OR <u>CONSTRUCTION MANAGER</u>			
NAME OF FIRM SUBMITTING CHANGE ORDER	E. Amanti & Sons Inc.		

6. SUB ALLOWED 5% O&P Mark Up - MISC. LUMP SUM SERVICES: 5.00% \$ 18.00 ✓

7. SUB TOTAL SUBCONTRACTOR LINE ITEMS 4., 5. & 6.: SUB TOTAL: \$ 5,498.35 ✓

8. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:

Total Base Wages Subject to Insurance and Taxes from Item 1 above (If zero, use total direct labor cost)

\$ 1,302.42

Insurance & Taxes Rate (30% unless a higher rate has been formally approved by Owner)

30.00%

TOTAL COST INSURANCE AND TAXES \$ 390.73 ✓

9. OTHER APPROVED SUBCONTRACTOR DIRECT LABOR EXCESS FRINGE BENEFITS:

(i.e.: Apprentice Training, Education Fund, Legal, Travel, ETC.) --> excess fringes from Item 1 above

TOTAL EXCESS FRINGE BENEFITS: \$ -

10. OVERHEAD AND PROFIT OF SUBCONTRACTOR:

Subcontractor can charge 10% of actual total cost of Item 4. For a net CREDIT change order amount, use 0%

10.00%

x ITEM 4:

\$ 549.84 ✓

11. TOTAL OF ITEMS 7., 8. (A. or B.), 9. and 10.

TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR: \$ 6,438.91 ✓

11a. SUBCONTRACTOR PREMIUM FOR BOND

Required for CM trade subcontractors

Percentage of approved bond x item 11.

2.00%

x ITEM 11:

\$ 128.78 ✓

12 TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR, INCLUDING BOND COST

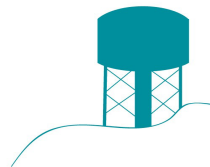
Enter the Value of Item 12 on the Summary Sheet

\$ 6,568.00 ✓

ROUNDED TO NEAREST DOLLAR

NOTE:

ALL change order proposals and invoices from the CONSTRUCTION MANAGER AND/OR SUBCONTRACTORS must include a cover letter on company letterhead identifying the PCO number, a description of the scope of work and the total cost of the proposed change order from that company. This information must be completed by every contractor doing work created by the change.



Tower Hill Sales Associates, Inc.
Servicing New England Since 1992
"Celebrating 30 Years"

320 Rockingham Road - Unit 4 - P.O. Box 457
 Auburn, NH 03032

Phone: 603-644-5554 - Fax: 603-644-3338

E-Mail: sales@towerhillsales.com

Quoted To:

E. Amanti & Sons, Inc.
 Gary Prescott
 390 Highland Ave
 Salem, MA 01970

Phone: 978-745-4144

QUOTE

Date	Quote #
12/29/21	THSQ63255

Job Name

Arlington High School - Arlington, MA - Thermon Quote - BUY

Expiration Date

01/29/22

Part Number	Line	Qty	Description	Price EA / FT	Ext. Price
Thermon Self-Regulating Heating Cable					
FLX-5-2-OJ	50		Freeze Protection and Maintenance Cable. 5 w/ft with Tinned Copper Braid and Overjacket 208 - 277 Volt.	\$7.65	\$382.50
PCA-COM	2		Circuit Fabrication Kit (includes 1 end termination)	\$66.55	\$133.10
JB-K	2		UL Listed Non-Metallic Junction Box, with ground lug (for use with PCA-COM)	\$65.28	\$130.56
FT-1L	2		108' roll, 1/2" wide fixingtape, rated for 200 degree F. exposure	\$14.39	\$28.78
CL	1		Caution Labels (25 per package)	\$19.35	\$19.35
RTD-100-3	2		Resistive Temperature Detector	\$194.68	\$389.36
TCM2-1-178526	1		The TCM2 is a temperature control and monitoring module developed specifically for heat tracing applications. The module provides control and monitoring capabilities via digital information display for one heat tracing circuit with input from up to two RTDs per circuit.	\$2,734.28	\$2,734.28
Limited information provided					
FREIGHT			Freight NOT Included / FOB: Auburn, NH		

Total 3817.93 ✓

Job Name Arlington High School - Arlington, MA - Thermon Quote - BUY
Quote # THSQ63255
Expiration Date 01/29/22
 Page 1 of 2

Terms: 1% 10 days from date of Invoice, Net 30
 Note: Taxes NOT included and are the responsibility of the contractor or end user.
 A 50% restocking fee applies on all returned product. No merchandise may be returned without prior written permission.
 All merchandise shall be in saleable condition.

ELAD Industrial Insulation

P.O.Box 528, Sharon, MA 02067
 E-Mail: eladinsulation@yahoo.com
 Phone: (339) 230-0707, Fax: (339) 230-0708

PROPOSAL

Proposal Submitted To: E. Amanti & Sons		Fax: 978 – 745 - 7876	Date : January 07.2022
Street: 390 Highland Ave.		Job Name: Arlington School	
City, State, & Zip Code Salem, MA 01970		Job Location: Arlington, MA	
Job Number	PO #	Phone 978 – 745 - 4144	

Additional work: ASI 123 (Freeze protection on IW lines)

Materials +/- 30' of 1½" pipe with 1½" thickness of insulation
 Estimate labor: 2.5 HR

TOTAL AMOUNT THIS PROPOSAL..... \$360.00 ✓

We Propose hereby to furnish material and labor complete in accordance with the above specifications, for the sum of. Three Hundred Ninety and 00/100 Dollars:390.00	
Payment to be made as follows: Net 15 days from date of invoice * 1.5% Interest added to invoices over 15 days.	
All material is guaranteed to be as specified. All work to be completed in a Workmanlike manner according to standard practices. Any alteration or deviation from the above specifications involving extra costs will be executed Only upon written orders. Owner to carry all insurances.	Authorized Signature Alex Note: This proposal may be withdrawn by us If not accepted within 30 days.
Acceptance of Proposal The above prices, specifications and conditions are satisfactory and are Hereby accepted. You are authorized to perform the work as outlined above. Payment will be made as outlined above.	
Date of Acceptance _____ Signature _____	



WAYNE J.
GRIFFIN ELECTRIC
INC.

December 9, 2021

VIA EMAIL ONLY: cweber@consigli.com

Mr. Chris Weber, Project Manager
Consigli Construction Company, Inc.
72 Sumner Street
Milford, MA 01757

RE: Job #2698 - Arlington High School, Arlington, MA
Proposal #78

Dear Mr. Weber:

Wayne J. Griffin Electric, Inc. ("WJGE") proposes to modify our contract to perform the following lump sum revisions to our work per our enclosed detailed backup:

DESCRIPTION OF WORK:

As reflected under ASI-123, furnish and install additional branch circuitry and connections to heat trace controller. Note all heat tracing, controller, connections, and GFCI protection is furnished and installed by others.

Total \$ 1,352.40 ✓

This is a lump sum forward looking estimate of the above-noted change to our scope of work. This estimate represents a price we are willing to accept to assume the cost risk of this change to our ongoing work given the information provided to us. The labor and material prices contained in this proposal are based upon vendor/subcontractor quotes (if noted) and/or electrical industry pricing guides such as NECA, Trade Service, or R.S. Means, which guides are widely used and accepted in the construction industry to facilitate timely and consistent change order pricing. This estimate is offered for your review, approval and acceptance.

The value included in this proposal does not include any amounts for extended contract duration, overtime, changes in the sequence of work, acceleration, disruptions, interference and/or impacts, and the right is expressly reserved to recover any and all of these related items prior to any final settlement of this contract. The working relationship between your company and ours shall be in accordance with our mutually agreed to contract form.

Corporate Headquarters:

116 Hopping Brook Road
Holliston, MA 01746
Phone: (508) 429-8830
Fax: (508) 429-7825

Regional Offices:

296 Cahaba Valley Parkway
Pelham, AL 35124
Phone: (205) 733-8848
Fax: (205) 733-8107

1950 Evergreen Boulevard
Suite 300
Duluth, GA 30096
Phone: (678) 417-9377
Fax: (678) 417-9373

2310 Presidential Drive
Suite 101
Durham, NC 27703
Phone: (919) 627-9724
Fax: (919) 627-9727

9801-C Southern Pine Boulevard
Charlotte, NC 28273
Phone: (704) 522-3851
Fax: (704) 522-3856

Wayne J. Griffin Electric, Inc. reserves the right to void this proposal after thirty (30) days from the date above.

If you have any questions regarding the above, please do not hesitate to contact me at (508) 306-5313 or wpease@wjgei.com.

Very truly yours,

WAYNE J. GRIFFIN ELECTRIC, INC.



Wayne A. Pease
Senior Project Manager

WP/hat

ACKNOWLEDGMENT: The contract modifications stated for the above proposal are acceptable for the work to be performed. The value of the work completed to the date of the next requisition may be billed on that requisition.

Date: _____ Authorized Signature: _____

cc: John LaMarre, Senior Project Manager, Consigli Construction Company, Inc.,
JLaMarre@consigli.com
George Gray, Project Engineer, Wayne J. Griffin Electric, Inc.
Jeremiah Kimball, Project Foreman, Wayne J. Griffin Electric, Inc.



CCN#: P-0078, ASI-123 Heat Trace
Date: 12/7/2021
Project Name: Arlington High School
Project Number: 02698-00-20
Page Number: 1

116 Hopping Brook Road, Holliston, MA 01746
 (508) 429-8830 FAX (508) 429-9251

Work Description

As reflected under ASI-123, furnish and install additional branch circuitry and connections to heat trace controller. Note all heat tracing, controller, connections and GFCI protection is furnished and installed by others.

Itemized Breakdown

Description	Qty	Net Price	UM	Materials (\$)	Labor	Total Hours
Field Layout/Coordination	0.00	0.0000	HRS	0.000	0.000	0.270
Phase Totals				0.00		0.27
3/4" EMT Pipe	30.00	1.2630	E	37.890	0.062	1.860
3/4" EMT S/S Connectors	2.00	0.6000	E	1.200	0.073	0.150
3/4" EMT S/S Couplings	3.00	2.4000	E	7.200	0.043	0.130
3/4" EMT Supports	4.00	0.3600	E	1.440	0.042	0.170
#10 THHN Cu Wire	120.00	0.3680	E	44.160	0.008	0.960
4" Sq Boxes	1.00	5.2000	E	5.200	0.400	0.400
4" Sq Blank Covers	1.00	0.8100	E	0.810	0.125	0.130
Box Supports	1.00	1.9800	E	1.980	0.060	0.060
Wire Connectors	3.00	0.0700	E	0.210	0.030	0.090
Ground Screw Pigtails	1.00	0.9300	E	0.930	0.060	0.060
Block Wall Penetrations	1.00	0.0000	E	0.000	0.330	0.330
Fire Stopping	1.00	10.5000	E	10.500	0.250	0.250
30A/1P Breaker	1.00	420.0000	E	420.000	0.800	0.800
Phase Totals				531.52		5.39
Totals				531.52		5.66
Tax				0.00		
Materials with Tax				531.52		

Summary

	Itemized Breakdown Total		531.52	
Electrical Journeyman	(5.6600 hrs @ \$93.84 / hr)	531.13		531.13 ✓
Labor Burden	(\$531.14 @ 30.00%)	159.34	✓	
Overhead & Profit	(\$1,222.00 @ 10.00%)	122.20	✓	
Bond	(\$1,344.20 @ 0.61%)	8.20	✓	
		8.20	✓	
			289.74	✓
Total			\$1,352.40	✓



Change Request

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR301
Date: 12/1/21
Job: 2153 Arlington High School
Phone:

Description: RFI-533 - Additional HW Supply & Return Piping - Bldg B_Sub. 010622

Source: RFI # 533

We offer the following specifications and pricing to make the changes as described below:

CR301 includes costs associated with RFI-533 - FCB-21-B-3 Missing HVAC Pipe (Bldg. B) response dated 11/2/21 issued by HMFH. Per RFI Response and SKM-77, PJK to F&I additional hot and chilled water piping to FCB-21-B-3 as shown. Please see attached pricing and associated backup for additional information.

Assumptions & Qualifications:

- Costs associated with Overtime/Acceleration are not included

-

Description	Labor	Material	Equipment	Subcontract	Other	Price
PJ Kennedy - PCO#21 dated 11/17/21				\$14,225.19		\$14,225.19
					Subtotal:	\$14,225.19
			Bond (.75%)	\$14,225.19		\$106.69
			General Liability (1.2%)	\$14,225.19		\$170.70
			Subguard (1.4%)	\$14,225.19		\$0.00
			OH&P (5% subs, 10% self perform)	\$14,502.58		\$725.13
					Total:	\$15,227.71

☐ SCHEDULE IMPACT

☐ We have proceeded with this change to achieve schedule.

☒ As directed, we will not proceed with this change until formal direction from OWNER is received.

ARCHITECT

Consigli Construction Co., Inc.

CONTRACTOR

72 Sumner Street

1

OWNER

(Signature)

Arthur Duffy

By

02/14/2022

Date

(Signature)

John LaMarre

By

John LaMarre

010622

Date

(Signature)

Jim Burrows

By

2/15/2022

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

72 Sumner Street, Milford MA 01757 • phone: 508-473-2580 • fax: 508-473-3588 • web: www.consigli.com

Hartford CT • Washington DC • Portland ME • Boston MA • Milford MA • Albany NY • New York NY • Pleasant Valley NY • Ronkonkoma NY



CHANGE REQUEST RESPONSE

DATE RECEIVED 1/06/22 **DATE RETURNED:** 2/10/22
TO: Arthur Duffy
HMFH Architects
130 Bishop Allen Drive
Cambridge, MA 02139
FROM J. Ryan Flynn
Bala Consulting Engineers
RE: Arlington High School
60-17-442
Change Request CR301 (RFI-533)

We have reviewed Change Request CR301 regarding added hot and chilled water piping for FCB-21-B-3. Our comments reside below.

The submitted pipe and equipment quantities as well as labor to perform work appeared to be in line with scope added. We take no exception to the price submitted and recommend it be accepted.

The Contractor is responsible for all quantities and means and methods of construction for this project.

All unit pricing and contractor markups must comply with the bid forms and contracts with the Client.

BALA CONSULTING ENGINEERS
52 TEMPLE PLACE
BOSTON, MA 02111

617 357 6060
617 357 5188 FAX
WWW.BALA.COM



FCB-21-B-3 Missing HVAC Pipe (Building B)

TO:	Stephanie MacNeil (HMFH Architects) Arthur Duffy (HMFH Architects)	FROM:	Kevin Samya (Consigli Construction Co., Inc.) 72 Sumner Street Milford, Massachusetts 01757
DATE INITIATED:	10/12/2021	STATUS:	Open
LOCATION:	Arlington High School>Building B (Phase 2)	DUE DATE:	10/17/2021
COST CODE:		REFERENCE:	
COST IMPACT:	TBD	SCHEDULE IMPACT:	TBD
DRAWING NUMBER:	M3.3b	SPEC SECTION:	230000 - Heating, Ventilating, and Air Conditioning (HVAC)
RECEIVED FROM:	Kevin Samya (Consigli Construction Co., Inc.)		

COPIES TO:

CA Bala (Bala Consulting Engineers), Gil Castera (Bala), Victoria Clifford (Skanska USA Inc.), Greg Cmar (Interval Data Systems), Patrick Condon (Consigli Construction Co., Inc.), Ken Davis (Bala Consulting Engineers), Tom DeRosa (Consigli Construction Co., Inc.), David Dockendorf (Consigli Construction Co., Inc.), Arthur Duffy (HMFH Architects), Jim Fikiet (Skanska USA Inc.), Ryan Flynn (Bala Consulting Engineers), Vianely Franco (HMFH Architects), Kevin Fuller (Interval Data Systems), Mike Gagne (Interval Data Systems), Bill Gnerre (Interval Data Systems), George Hines (Bala Consulting Engineers), John LaMarre (Consigli Construction Co., Inc.), William Lentz (Bala Consulting Engineers), Stephanie MacNeil (HMFH Architects), Scott Martino (Consigli Construction Co., Inc.), Chuck McWilliams (Consigli Construction Co., Inc.), Reid Mullett (Rist-Frost-Shumway Engineering (RFS)), Sy Nguyen (Skanska USA Inc.), Fran Patnode (Rist-Frost-Shumway Engineering (RFS)), Hal Raymond (Skanska USA Inc.), Richard Rivera (Bala Consulting Engineers), Kevin Samya (Consigli Construction Co., Inc.), Mason Saunders (Consigli Construction Co., Inc.), Vikram Singh (Consigli Construction Co., Inc.), Chris Weber (Consigli Construction Co., Inc.)

Question from Kevin Samya (Consigli Construction Co., Inc.) at 03:40 PM on 10/12/2021

Please reference HVAC Drawing M3.3b.


Typically the Fan Coil Boxes have Hot Water and Chilled Water Supply/Returns serving the equipment. HVAC Drawing M3.3b does not show pipe going to FCB-21-B-3, and it is believed the equipment is intended to have pipe going to the equipment.

Please confirm whether or not the HVAC Pipe is needed. Please provide a sketch for the intended design.

Awaiting an Official Response

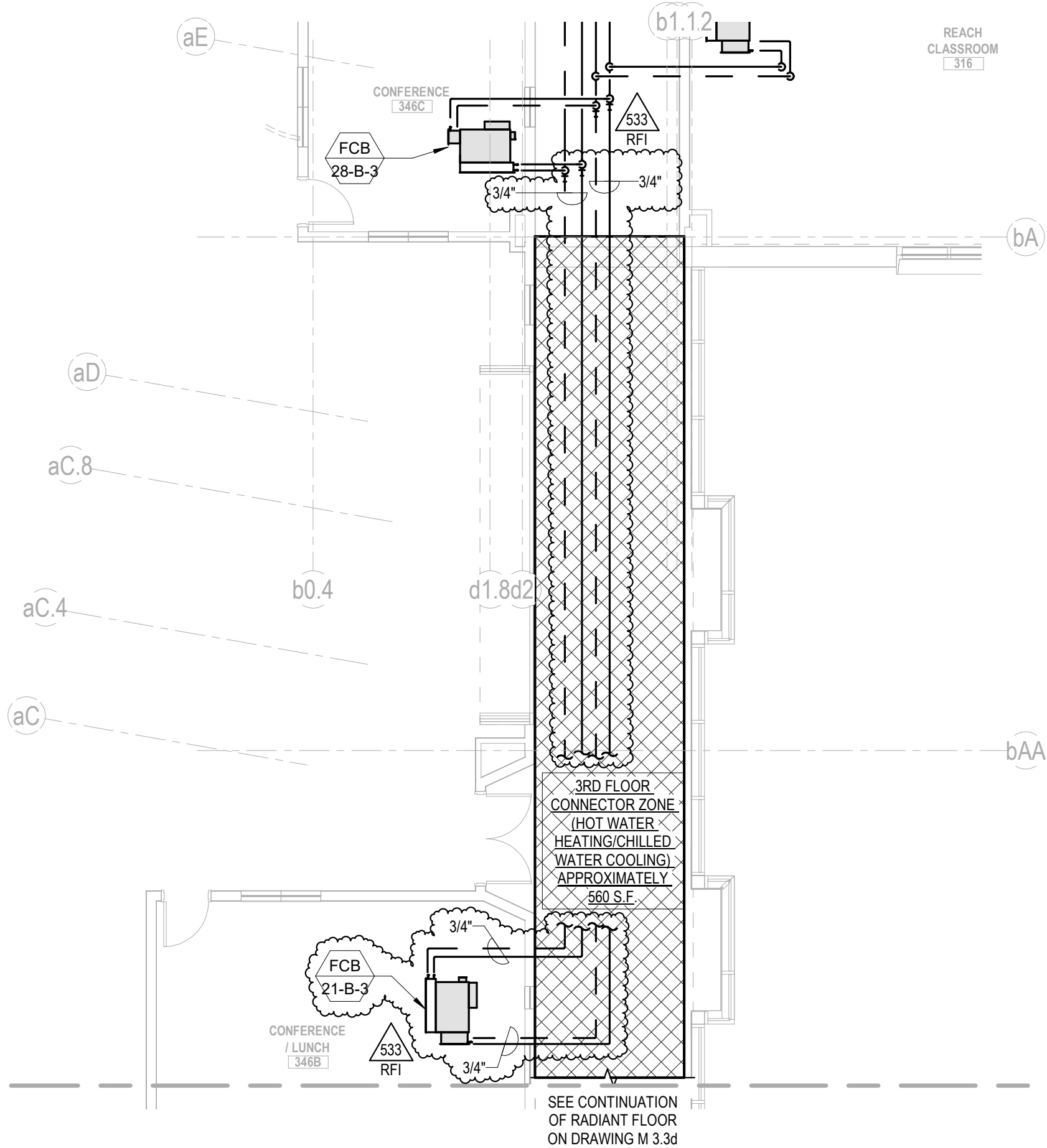
All Replies:

Please add hot and chilled water piping to FCB 21-B-3 as shown on attached Sketch [SKM-77](#)

BY J. Ryan Flynn - BALA
 11/02/2021

11/2/2021
DATE

COPIES TO



BALA
ENGINEERS
PHILADELPHIA | NEW YORK | BOSTON | BATHURST
ARCHITECTS | INTERIORS | LANDSCAPE ARCHITECTS
TECHNICAL | TECHNICAL | COMMERCIAL

H M F H ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

H M
F H

Arlington High School

PIPING REVISIONS

REF. DWG. M3.3b RFI-533

CCC - CR301
DRAWING NUMBER
SK
JOB NUMBER
M-77
6017442

SCALE: 1/8" = 1'-0" DATE: 11/02/21 DRAWN: JRF CHECKED: JRF



Patrick J. Kennedy & Sons, Inc.
MECHANICAL CONTRACTORS

39 Gibson Street
Boston, MA 02122-1222
Ph : (617)265-5535

PROPOSED CHANGE ORDER CGC - CB301

Number: 021

Date: 11/17/21

Phone:

Job: 2020-21 Arlington HS Main Package

To: Chris Weber
Consgili Construction Co. Inc.
72 Sumner Street
Milford, MA 01757
Ph: 857-300-6900

Description: RFI 533 - Additional HWS&R Piping (Area 3B)

Source: RFI # 533

Additional costs associated with the A/E response to RFI No. 533 - Additional HWS&R Piping on Level 3 - Areas B.

Description	Quantity	Unit	Unit Price	Price
Labor	1.00			\$6,815.00
Equipment	1.00			\$300.00
Material	1.00			\$2,089.48
Subcontract - Viking Industries	1.00			\$3,704.80
			Subtotal:	\$12,909.28 ✓
		PJK Mark-up	\$9,204.48 10.00%	\$920.45 ✓
		PJK Mark-up on Sub	\$3,704.80 5.00%	\$185.24 ✓
		Bond Cost	\$14,014.97 1.50%	\$210.22 ✓
			Total:	\$14,225.19 ✓

If you have any questions, please contact me at 617-446-8000.

Submitted by: Patrick Kennedy
Patrick J. Kennedy & Sons, Inc

Approved by: _____
Date: _____

COST SUMMARY

COST SUMMARY							
Description	RFI 533						
Job Name	Arlington HS						
General	Consigli Construction						
<u>Labor</u>				<u>Hours</u>	<u>Rate</u>	<u>Total</u>	
	Project Manager	Hr	ST	0.0	\$ 125.00	\$ -	
	Cadd Draftsman	Hr	ST	0.0	\$ 130.01	\$ -	
	Pipefitter Foreman	Hr	ST	5.0	\$ 130.01	\$ 650.05	
	Pipefitter Foreman	Hr	OT	0.0	\$ -	\$ -	
	Pipefitter Foreman	Hr	DT	0.0	\$ -	\$ -	
	Pipefitter Journeyman	Hr	ST	55.0	\$ 112.09	\$ 6,164.95	
	Pipefitter Journeyman	Hr	OT	0.0	\$ -	\$ -	
	Pipefitter Journeyman	Hr	DT	0.0	\$ -	\$ -	
	Truck Driver	Hr	ST	0.0	\$ 60.00	\$ -	
					Total Labor		\$ 6,815.00
<u>Equipment</u>							
	Burning & Welding Equipment	Day		0.0	\$ 120.00		\$ -
	Scissor Lift	WK		1.5	\$ 200.00		\$ 300.00
					Total Equipment		\$ 300.00
<u>Materials</u>	<u>Description</u>		<u>UM</u>	<u>QTY</u>	<u>UNIT PRICE</u>		<u>TOTAL</u>
	3/4" Copper L Tubing		FT	300	\$ 3.89		\$ 1,167.00
	3/4" Copper PP 90		Unit	20	\$ 3.07		\$ 61.40
	3/4" Copper PP Coupling		Unit	12	\$ 2.59		\$ 31.08
	3/4" Nexus A2Y Valve Package		Unit	2	\$ 205.00		\$ 410.00
	4" Hanger Assembly		Unit	35	\$ 12.00		\$ 420.00
					Total Material		\$ 2,089.48

VIKING INDUSTRIES, INC.
PO BOX 32
BARRINGTON, R.I. 02806
P 401-246-1855
F 401-246-1366

To: PJ KENNEDY

Change Order
11/9/21

Attn: PATRICK

Project Name: ARLINGTON HIGH SCHOOL
ARLINGTON, MA

Description: **RFI 533-FCB-21-B-3**

The price to insulate the above stated work is as follows:

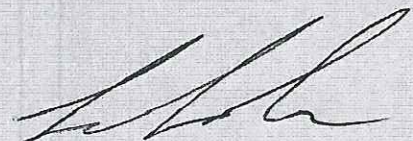
LABOR:	\$1,856.00	
MATERIALS:	\$1,512.00	
<u>TOTAL</u>	<u>\$3,368.00</u>	✓
MARK UP:	10%	\$336.80 ✓
<u>TOTAL PRICE:</u>	<u>\$3,704.80</u>	✓

Any lost time due to Overtime must add 15 percent to the price above.

Quote is void if not accepted within 30 days.

This quote is based on material pricing at the time of quote, any increases after the 30 day period will be added to the price.

If you have any questions please call. Thank You.



Leonard E Carlson, President

Change Order

Contractor: PJ KENNEDY

Attn: PATRICK

Viking Industries, Inc.

P O Box 32

Barrington, RI 02806

Telephone 401-246-1855

FAX 401-246-1366

CCC - CR301

Accepted

Rejected

[illegible]

Submitted By: Leonard E Carlson, President



Change Request

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR313
Date: 12/21/21
Job: 2153 Arlington High School
Phone:

Description: RFI-476.1 - Dressing Room Electrical Devices Relocation_T&M_Sub. 020922

Source: RFI # 476

We offer the following specifications and pricing to make the changes as described below:

CR313 includes costs associated with RFI-476.1- Dressing Room Electrical Devices Relocation L2 Bldg. E. Per RFI, outlet relocations required due to conflicts with mirror locations. CR313 includes T&M costs for WJGEI to relocate electrical outlets and T&M costs for Colony to patch/repair walls upon completion of relocation. Please see attached pricing and associated backup for additional information.

Assumptions & Qualifications:

- CCC has proceeded with this scope change in order to maintain schedule

Description	Labor	Material	Equipment	Subcontract	Other	Price
WJGEI - Proposal #98 dated 1/24/22				\$1,880.04		\$1,880.04
Colony Drywall - COP#151 dated 2/2/22				\$1,300.91		\$1,300.91
					Subtotal:	\$3,180.95
			Bond (.75%)	\$3,180.95		\$23.86
			General Liability (1.2%)	\$3,180.95		\$38.17
			Subguard (1.4%)	\$1,300.91		\$18.21
			OH&P (5% subs, 10% self perform)	\$3,261.19		\$163.06
					Total:	\$3,424.25

☐ SCHEDULE IMPACT

☒ We have proceeded with this change to achieve schedule.

☐ As directed, we will not proceed with this change until formal direction from OWNER is received.

ARCHITECT

Consigli Construction Co., Inc.

CONTRACTOR

OWNER

72 Sumner Street
Milford

(Signature)

Arthur Duffy

(Signature)

John LaMarre

(Signature)

Jim Burrows

By

02/14/2022

By

02/09/2022

By

2/15/2022

Date

Date

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

72 Sumner Street, Milford MA 01757 • phone: 508-473-2580 • fax: 508-473-3588 • web: www.consigli.com

Hartford CT • Washington DC • Portland ME • Boston MA • Milford MA • Albany NY • New York NY • Pleasant Valley NY • Ronkonkoma NY



Dressing Rooms Electrical Devices Relocation Level 2 Confirmation (Building E)

TO:	Stephanie MacNeil (HMFH Architects) Arthur Duffy (HMFH Architects)	FROM:	Kevin Samya (Consigli Construction Co., Inc.) 72 Sumner Street Milford, Massachusetts 01757
DATE INITIATED:	08/13/2021	STATUS:	Open
LOCATION:	Building E	DUE DATE:	08/18/2021
COST CODE:		REFERENCE:	
COST IMPACT:	TBD	SCHEDULE IMPACT:	TBD
DRAWING NUMBER:	E2.2e	SPEC SECTION:	260000 - Electrical
RECEIVED FROM:	Kevin Samya (Consigli Construction Co., Inc.)		

COPIES TO:

CA Bala (Bala Consulting Engineers), Mark Blundell, Gil Castera (Bala), Victoria Clifford (Skanska USA Inc.), Greg Cmar (Interval Data Systems), Patrick Condon (Consigli Construction Co., Inc.), Tom DeRosa (Consigli Construction Co., Inc.), David Dockendorf (Consigli Construction Co., Inc.), Arthur Duffy (HMFH Architects), Jim Fikiet (Skanska USA Inc.), Ryan Flynn (Bala Consulting Engineers), Vianely Franco (HMFH Architects), Kevin Fuller (Interval Data Systems), Mike Gagne (Interval Data Systems), Bill Gnerre (Interval Data Systems), George Hines (Bala Consulting Engineers), John LaMarre (Consigli Construction Co., Inc.), William Lentz (Bala Consulting Engineers), Stephanie MacNeil (HMFH Architects), Scott Martino (Consigli Construction Co., Inc.), Chuck McWilliams (Consigli Construction Co., Inc.), Reid Mullett (Rist-Frost-Shumway Engineering (RFS)), Sy Nguyen (Skanska USA Inc.), Fran Patnode (Rist-Frost-Shumway Engineering (RFS)), Hal Raymond (Skanska USA Inc.), Richard Rivera (Bala Consulting Engineers), David Rockwood (Consigli Construction Co., Inc.), Kevin Samya (Consigli Construction Co., Inc.), Chris Weber (Consigli Construction Co., Inc.)

Question from Kevin Samya (Consigli Construction Co., Inc.) at 02:51 PM on 08/13/2021

The Electrical Receptacles in Dressing Rooms 241, 242, and 243 of Level 2 Building E are shown being in conflict with the mirrors. It was discussed and deemed acceptable to mount the devices below the counter at 18" AFF by the design team on 8/11/21. Please reference the attached email confirmation.

We have proceeded with the install as discussed. Please confirm this is acceptable.

Attachments:

[RFI #476 - Dressing Rooms Electrical Devices Relocation Level 2 Confirmation \(Building E\).pdf](#)

Awaiting an Official Response

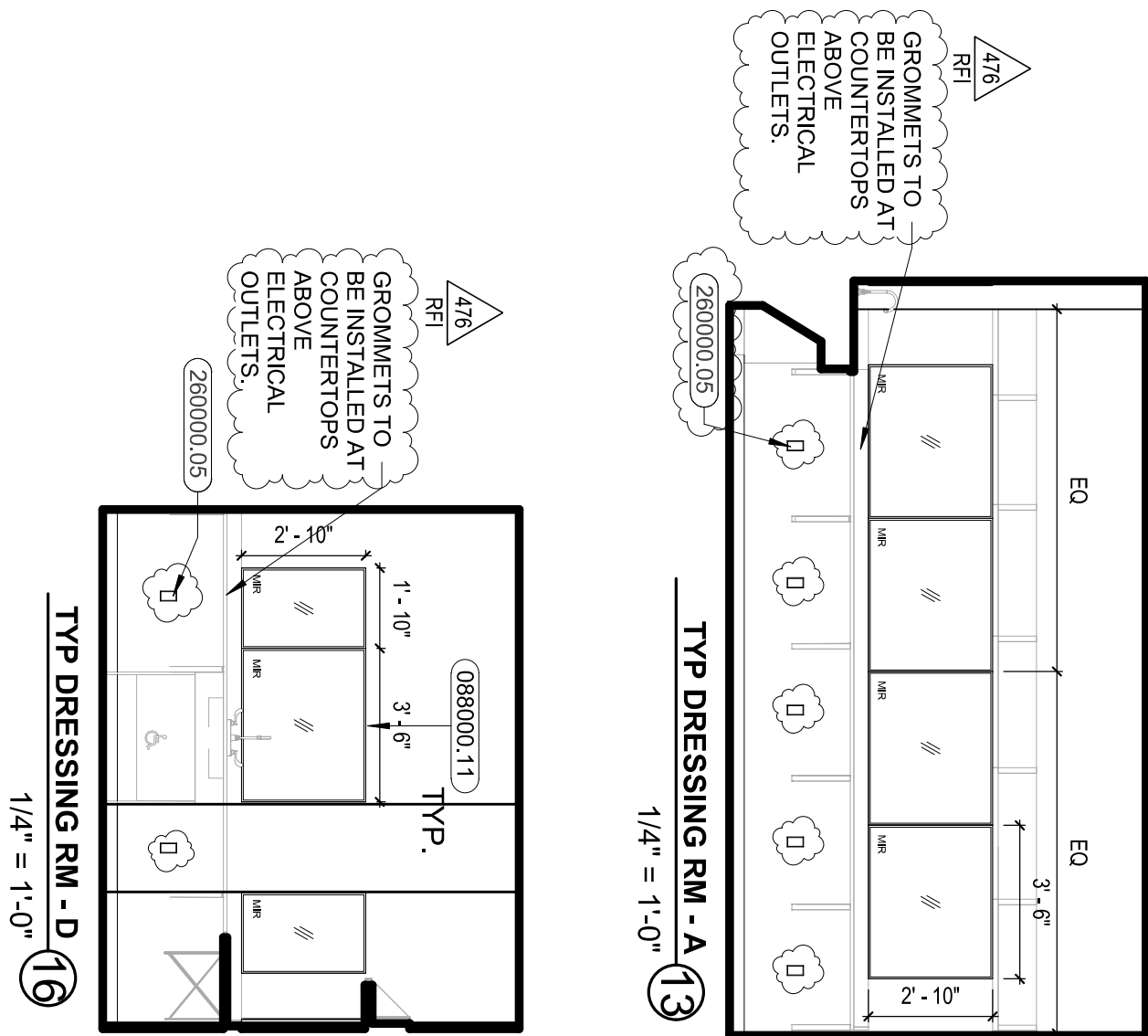
All Replies:

This is acceptable.
See attached sketch SKA-123

BY 

08/19/2021
DATE

COPIES TO



Typical for Rooms Dressing Rooms 241, 242, 243
(note: Room 243 has only four receptacles at elevation 13 (south wall))

RFI 476

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

**H M
F H**

Arlington High School

869 Massachusetts Ave, Arlington, MA

Revision to 13 and 16 / A12.7.2

SCALE: 1/4" = 1'-0"

DATE: 08/19/2021

DRAWN: ML

CHECKED: ASD

DRAWING NUMBER

**SKA
123**

JOB NUMBER





408417

Samya, Kevin

From: Weber, Chris
Sent: Friday, August 13, 2021 11:49 AM
To: Alan Pemstein; Arthur Duffy; Stephanie MacNeil
Cc: Dockendorf, David; Martino, Scott; Rockwood, David; McWilliams, Chuck; LaMarre, John; Sy Nguyen; Fikiet, James; Samya, Kevin
Subject: RE: ArlHS - Level 2 Building E Dressing Room Electrical Device Conflict with Mirrors

Alan - Casework/counter tops were approved in 12300-007, back in April. They have been field measured and released for fabrication.



Chris Weber
Project Manager
m: 774.573.4072
    consigli.com

From: Alan Pemstein <apemstein@hmfh.com>
Sent: Wednesday, August 11, 2021 4:31 PM
To: Samya, Kevin <ksamya@consigli.com>; Arthur Duffy <aduffy@hmfh.com>; Stephanie MacNeil <smacneil@hmfh.com>
Cc: Weber, Chris <cweber@consigli.com>; Dockendorf, David <ddockendorf@consigli.com>; Martino, Scott <smartino@consigli.com>; Rockwood, David <drockwood@consigli.com>; McWilliams, Chuck <cmcwilliams@consigli.com>; LaMarre, John <JLaMarre@consigli.com>; Sy Nguyen <Sy.Nguyen@skanska.com>; Fikiet, James <james.fikiet@skanska.com>
Subject: RE: ArlHS - Level 2 Building E Dressing Room Electrical Device Conflict with Mirrors

Kevin - please change these outlets from counter height to standard mounting ht off the floor - when the counters are submitted we will add grommets so the outlets can be reached.
Thanks, Alan

Alan Pemstein AIA LEED AP
617 844 2140

HMFH ARCHITECTS
130 Bishop Allen Drive, Cambridge, MA 02139 | 617.492.2200
web | [twitter](https://twitter.com) | [facebook](https://facebook.com) | [linkedin](https://linkedin.com)

From: Samya, Kevin <ksamya@consigli.com>
Sent: Tuesday, August 10, 2021 9:00 AM
To: Alan Pemstein <apemstein@hmfh.com>; Arthur Duffy <aduffy@hmfh.com>; Stephanie MacNeil <smacneil@hmfh.com>
Cc: Weber, Chris <cweber@consigli.com>; Dockendorf, David <ddockendorf@consigli.com>; Martino, Scott <smartino@consigli.com>; Rockwood, David <drockwood@consigli.com>; McWilliams, Chuck <cmcwilliams@consigli.com>; LaMarre, John <JLaMarre@consigli.com>; Sy Nguyen <Sy.Nguyen@skanska.com>; Fikiet,

James <james.fikiet@skanska.com>

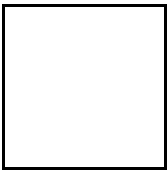
Subject: ArlHS - Level 2 Building E Dressing Room Electrical Device Conflict with Mirrors

Alan,

Please see email below from WJGEI. Dressing Rooms 241, 242, and 243 on Level 2 Building E have some outlets that are in conflicts with mirrors. Can we please take a look when you come out today.

We can review it and a confirming RFI can be sent in per our discussion.

Regards,



Kevin Samya
Assistant M/E/P Manager

m: 508.244.1698



consigli.com

From: Jeremiah Kimball <jkimball@WJGEI.com>

Sent: Tuesday, August 10, 2021 8:54 AM

To: Samya, Kevin <ksamya@consigli.com>; Rockwood, David <drockwood@consigli.com>

Subject: FW: E 2nd floor Dressing rooms

Kevin, Dave,

I have Wayne sending in an RFI below. If the architect is coming out this week, I could walk this with him.

Thank you,

Jeremiah Kimball

Project Foreman

Wayne J. Griffin Electric, Inc.

JKimball@WJGEI.com

Cell: 978-302-6438

Office: 508-429-8830 X1623

From: Jeremiah Kimball

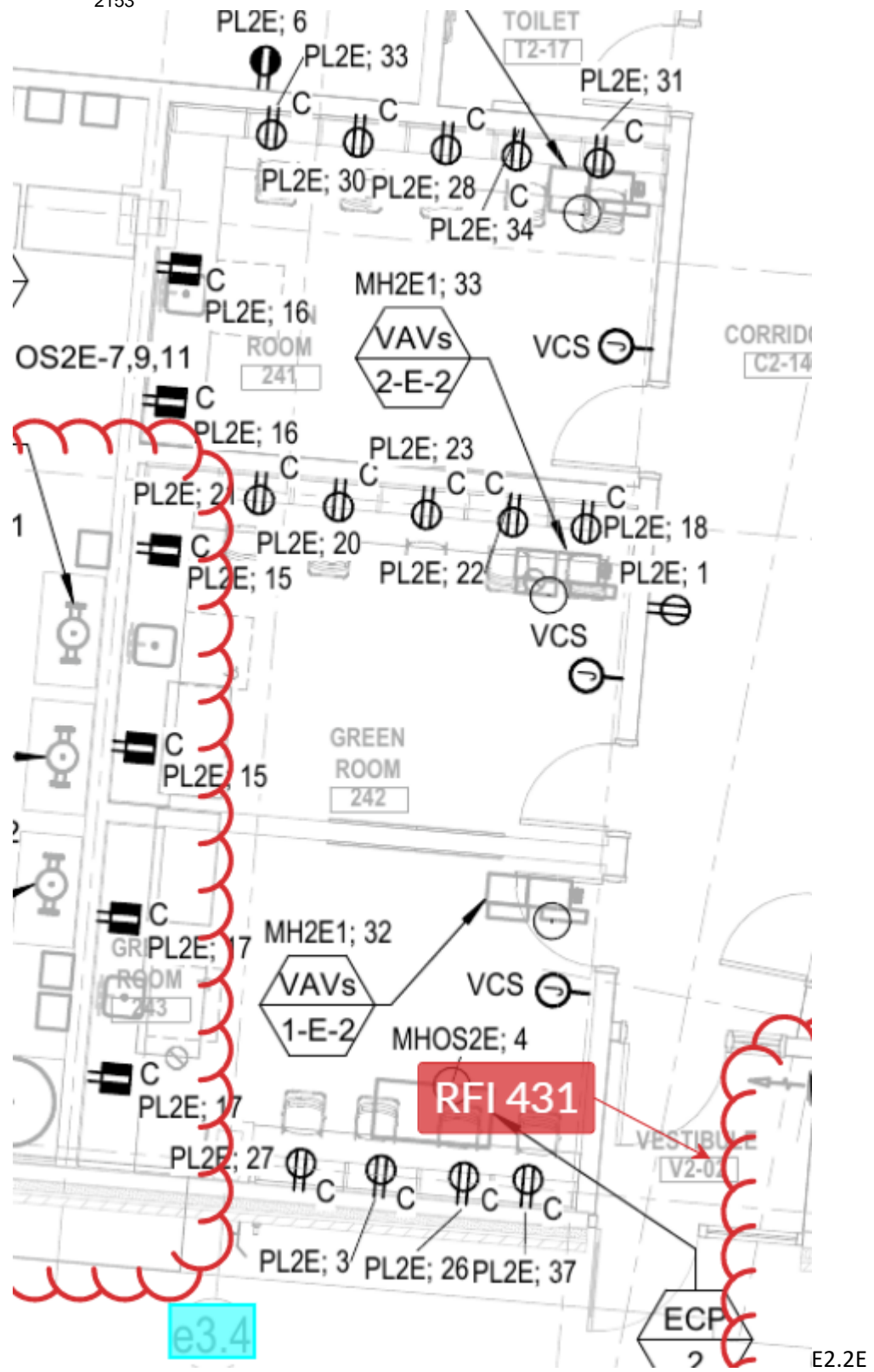
Sent: Tuesday, August 10, 2021 8:52 AM

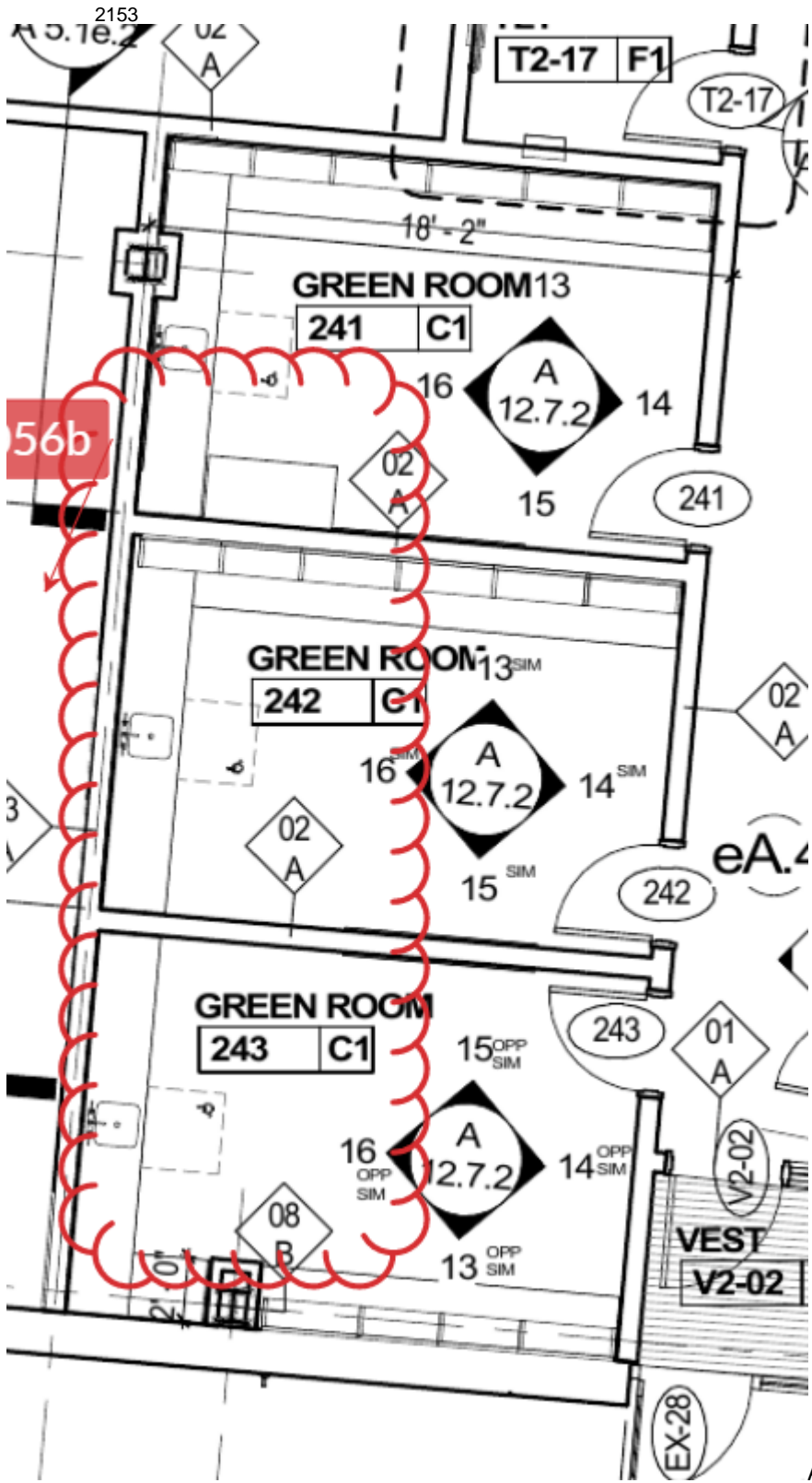
To: wpease@wjgei.com; George Gray <ggray@WJGEI.com>

Subject: E 2nd floor Dressing rooms

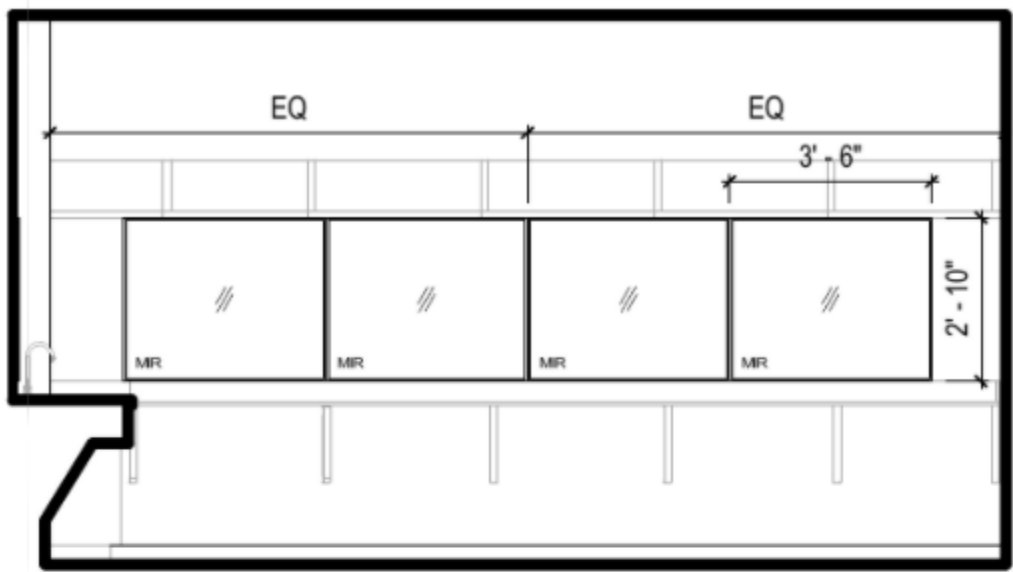
Wayne, George,

Please RFI room 241, 242, 243 dressing rooms outlets placement are in conflicts with mirrors. See notes below.

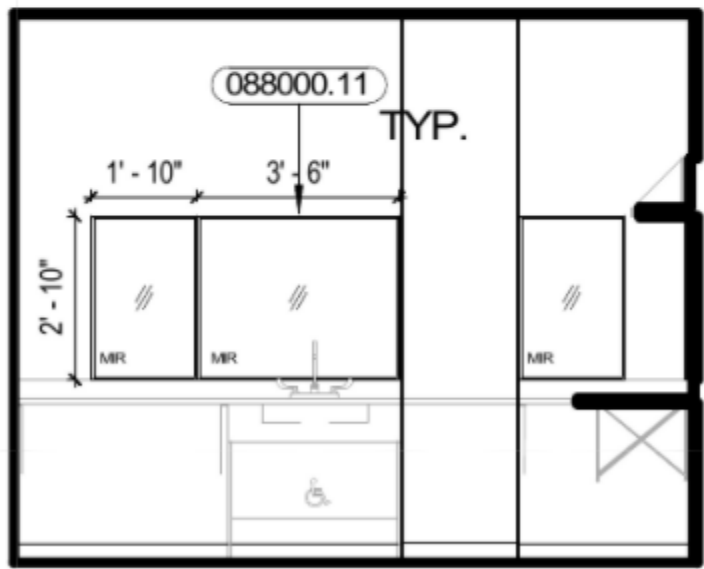




A2.2E



TYP DRESSING RM - A (13)
1/4" = 1'-0"



TYP DRESSING RM - D (16)
1/4" = 1'-0"

A12.7.2

Thank you,
Jeremiah Kimball
Project Foreman
Wayne J. Griffin Electric, Inc.
JKimball@WJGEI.com
Cell: 978-302-6438
Office: 508-429-8830 X1623



INVOICE

116 Hopping Brook Road, Holliston, MA 01746
 (508) 429-8830 FAX (508) 429-9251
 MA LIC. A8999, 4536A1

MR. CHRIS WEBER
 Sold To: CONSIGLI CONSTRUCTION COMPANY, INC.
 72 SUMNER STREET
 MILFORD, MA 01757

Work Done At: ARLINGTON HIGH SCHOOL
 869 MASS AVENUE
 ARLINGTON, MA 02476

JOB NO. 02698-00-20	PO Nbr	Terms Net 30 Days	PLEASE REMIT BY INVOICE NUMBER	P0098	Invoice Date 1/24/2022
------------------------	--------	----------------------	-----------------------------------	-------	---------------------------

DESCRIPTION OF WORK:

RE: Job#2698- Arlington High School
 Proposal#P0098

As directed under CR 313 and RFI 476, provide overtime labor services and materials to relocate devices in the Dressing Rooms on level 2.

INVOICE TOTAL

1,880.04 ✓

Terms: Net 30 Days with 1.5% Interest on all Unpaid Balance over 30 days



**WAYNE J.
GRIFFIN ELECTRIC
INC.**

January 24, 2022

VIA EMAIL ONLY: cweber@consigli.com

Mr. Chris Weber, Project Manager
Consigli Construction Company, Inc.
72 Sumner Street
Milford, MA 01757

RE: Job #2698 - Arlington High School, Arlington, MA
Proposal #98

Dear Mr. Weber:

In accordance with the field change order signed by your authorized representative Patrick Condon, the contract should be modified to include the following revision per our enclosed detailed backup:

DESCRIPTION OF WORK:

As directed under CR 313 and RFI 476, provide overtime labor services and materials to relocate devices in the Dressing Rooms on level 2.

The material pricing enclosed is based on industry recognized standardized unit rates obtained from R.S. Means, as agreed to for your review, approval and acceptance. The labor hours are as signed for and acknowledged by your on-site representative.

Total \$ 1,880.04



Please issue a written change order as the work above has been completed. The value included in this field change order does not include any amounts for changes in the sequence of work, disruptions, interference and/or impacts, and the right is expressly reserved to recover any and all of these related items prior to any final settlement of this contract. The working relationship between your company and ours shall be in accordance with our mutually agreed to contract form.

Corporate Headquarters:

116 Hopping Brook Road
Holliston, MA 01746
Phone: (508) 429-8830
Fax: (508) 429-7825

Regional Offices:

296 Cahaba Valley Parkway
Pelham, AL 35124
Phone: (205) 733-8848
Fax: (205) 733-8107

1950 Evergreen Boulevard
Suite 300
Duluth, GA 30096
Phone: (678) 417-9377
Fax: (678) 417-9373

2310 Presidential Drive
Suite 101
Durham, NC 27703
Phone: (919) 627-9724
Fax: (919) 627-9727

9801-C Southern Pine Boulevard
Charlotte, NC 28273
Phone: (704) 522-3851
Fax: (704) 522-3856

If you have any questions regarding the above, please do not hesitate to contact me at (508) 306-5313 or wpease@wjgei.com.

Very truly yours,

WAYNE J. GRIFFIN ELECTRIC, INC.



Wayne A. Pease
Senior Project Manager

WP/hat

ACKNOWLEDGMENT: The contract modifications stated for the above field change are acceptable for the work already performed. The value of the work completed to the date of the next requisition may be billed on that requisition.

Date: _____ Authorized Signature: _____

cc: John LaMarre, Senior Project Manager, Consigli Construction Company, Inc.,
JLaMarre@consigli.com
George Gray, Project Engineer, Wayne J. Griffin Electric, Inc.
Jeremiah Kimball, Project Foreman, Wayne J. Griffin Electric, Inc.



CCN#: P-0098, CR 313 RFI #476 Dressing Room Devi
Date: 1/19/2022
Project Name: Arlington High School
Project Number: 02698-00-20
Page Number: 1

116 Hopping Brook Road, Holliston, MA 01746
 (508) 429-8830 FAX (508) 429-9251

Work Description

As directed under CR 313 and RFI 476, provide overtime labor services and materials to relocate devices in the Dressing Rooms on level 2.

Itemized Breakdown

Description	Qty	Net Price	UM	Materials (\$)	Labor	Total Hours
Labor 12/18/21 - 12/20/21	1.00	0.0000	E	0.000	9.000	9.000
#12/2 MC Cable	100.00	0.9074	E	90.740	0.000	0.000
Single MC Connectors	6.00	0.9500	E	5.700	0.000	0.000
Double MC Connectors	3.00	1.7100	E	5.130	0.000	0.000
Old Work Box	6.00	2.1500	E	12.900	0.000	0.000
Madison Straps	6.00	0.1617	E	0.970	0.000	0.000
#12 Ground Screw Pigtails	6.00	0.9300	E	5.580	0.000	0.000
Phase Totals				121.02		9.00
Totals				121.02		9.00
Tax				0.00		
Materials with Tax				121.02		

Summary

Itemized Breakdown Total		121.02	✓
Electrical Foreman Overtime	(1.0000 hrs @ \$134.85 / hr)	134.85	
Electrical Journeyman Overtime	(8.0000 hrs @ \$134.85 / hr)	1,078.80	
		1,213.65	✓
Labor Burden	(\$1,213.65 @ 30.00%)	364.09	✓
		364.09	
Overhead & Profit	(\$1,698.76 @ 10.00%)	169.88	✓
		169.88	
Bond	(\$1,868.64 @ 0.61%)	11.40	✓
		11.40	
		545.37	✓
Total		\$1,880.04	✓



REF.

422

CONSIGLI

Est. 1905

SLIP TRACKING

Overtime

Project Name	Arlington High School	Job# 21
--------------	-----------------------	---------

THIS DOCUMENT IS TO BE USED FOR TRACKING PURPOSES ONLY:
 (This document is not intended to constitute as acceptance of additional work to the contract nor does this document infer that the contractor will be compensated for the work performed)

Contractor	WSGE1
Contractor (Foreman's Signature)	
Contractor Extra Work #	
Cost Code	CE313
Time Begin (Consigli Signature Required)	
Time Complete (Consigli Signature Required)	
Work Performed	Redone Dressing Room devices per REF 176
Manpower	(2) ELECTRICIANS (this time)
Materials	SEE ATTACHED

FOR OFFICE USE ONLY

Comments	H.R. 7 / 6/23/21
Category (Check One)	<input type="checkbox"/> Internal <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Backcharge
Status (Check One)	<input type="checkbox"/> Rejected <input checked="" type="checkbox"/> Accepted <input type="checkbox"/> Pending
Reference drawing or specification section:	

White: PM

Yellow: Contractor Copy

Pink: Remains

[illegible]

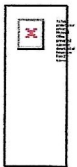
Jeremiah Kimball

From: Condon, Patrick <PCondon@consigli.com>
Sent: Tuesday, December 14, 2021 4:18 PM
To: Jeremiah Kimball; Weber, Chris; Samya, Kevin
Cc: Wayne Pease; Dockendorf, David; LaMarre, John
Subject: RE: RFI: #476: Dressing Rooms Electrical Devices Relocation Level 2 Confirmation (Building E)

Note: This email originated outside Wayne J. Griffin Electric. Use caution with replies, links and attachments. Please forward any suspicious looking email to spamcatcher@wjgei.com.

Jeremiah,

Please proceed with the relocation of these (6) outlets at the Building E Dressing Rooms on the west walls on T&M.



Patrick Condon
Assistant Project Manager
m: 774.238.1582
 consigli.com

From: Jeremiah Kimball <jkimball@WJGEI.com>
Sent: Tuesday, December 14, 2021 8:30 AM
To: Condon, Patrick <PCondon@consigli.com>; Weber, Chris <cweber@consigli.com>; Samya, Kevin <ksamya@consigli.com>
Cc: Wayne Pease <WPEASE@WJGEI.com>
Subject: RE: RFI: #476: Dressing Rooms Electrical Devices Relocation Level 2 Confirmation (Building E)

Patrick,

RFI was issued after work was completed. The north side of the rooms was lowered per field review with HMFH. The west wall was not advised to lower during the field review.

This work will be performed under T&M.

Thank you,

Jeremiah Kimball
Project Foreman
Wayne J. Griffin Electric, Inc.
JKimball@WJGEI.com
Cell: 978-302-6438
Office: 508-429-8830 X1623

From: Patrick Condon (Consigli Construction Co., Inc.) <Consigli_Notifications@procoretech.com>
Sent: Tuesday, December 14, 2021 7:57 AM



1119 State Road, Unit #1, Westport, MA 02790
February 2, 2022 (508) 679-2880 • Fax (508) 679-9006

Consigli Construction
72 Sumner Street
Milford, MA 01757

ATT: Chris Weber/ John Lamarre
Re: Arlington High School

EXTRA WORK DONE

CHANGE ORDER PROPOSAL NO. 151

**The Following Add is for Extra Work done at
Arlington High School.**

TOTAL: \$ 1,300.91 ✓

**THIS AMOUNT \$1,300.91 IS TO BE ADDED TO
THE ORIGINAL CONTRACT AMOUNT.**

Mario Sousa
Project Manager

REF.

471



CONSIGLI

Est. 1905

SLIP TRACKING

Project Name	Arlington High School	Job# 2153	Date	1/13/22 - 1/14/22
--------------	-----------------------	-----------	------	-------------------

THIS DOCUMENT IS TO BE USED FOR TRACKING PURPOSES ONLY:

(This document is not intended to constitute as acceptance of additional work to the contract nor does this document infer that the contractor will be compensated for the work performed)

Contractor	COLONY DESIGN
Contractor (Foreman's Signature)	
Contractor Extra Work #	
Cost Code	CE313
Time Begin (Consigli Signature Required)	
Time Complete (Consigli Signature Required)	
Work Performed	Patching holes for relocated electrical boxes in E2 PRACTICE ROOMS
Manpower	(1) CARPENTER x 3hrs (1) TAPER x 3hrs
Materials	SEE ATTACHED

FOR OFFICE USE ONLY

Comments	H.R. SKONSKA 1/25/22		
Category (Check One)	<input type="checkbox"/> Internal	<input checked="" type="checkbox"/> Owner	<input type="checkbox"/> Backcharge
Status (Check One)	<input type="checkbox"/> Rejected	<input checked="" type="checkbox"/> Accepted	<input type="checkbox"/> Pending
Reference drawing or specification section:			

White: PM

Yellow: Contractor Copy

Pink: Remains

COLONY DRYWALL INC.
WESTPORT, MA 02790
508-677-9880

CCC - CR313

EXTRA WORK FORM

151

PROJECT:

Arlington High School

DATE:

1/13/22
1/14/22

LOCATION:

REF #

COP#:

MATERIALS: QUANTITY	DESCRIPTION	PRICE	AMOUNT	
	1 Carpenter 3 hours			
	1 Taper 8 hours			
	Patching holes for relocated			
	electrical Boxes on E2			
FASTENERS	Practice rooms			
POWER TOOLS				
SCAFFOLDING & LIFTS				
	TOTAL MATERIAL		\$	
LABOR:	TRADE	HOURS	RATE	AMOUNT
1 2 3	CARP FOREMAN			
1 2 3 4 5 6 7 8 9 10 11 12	CARP	3	106.27	318.81 ✓
1 2 3	TAPER FOREMAN			
1 2 3 4 5 6 7 8 9 10 11 12	TAPER	8	107.98	863.84 ✓
1 2 3	LABORER			
	TOTAL LABOR			\$ 1,182.65 ✓
	TOTAL MATERIAL			
	SUBTOTAL			\$ 1,182.65 ✓
	10% OVERHEAD & PROFIT			118.26 ✓
	BOND COST			
	TOTAL			\$ 1,300.91 ✓

SIGNED: _____



Change Request

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR316
Date: 12/23/21
Job: 2153 Arlington High School
Phone:

Description: ASI-186 - Revisions to Acid Neutralization Tank_Ph.1_Sub. 020322

Source: ASI # 186

We offer the following specifications and pricing to make the changes as described below:

CR316 includes costs associated with ASI-186 - Revisions to Acid Neutralization Tank Ph. 1 dated 11/19/21 issued by HMFH. Per ASI, EAS to furnish and install revisions to building D plumbing connections and piping to the PH Neutralization Tank in Bldg. D Phase 1. Please see attached EAS pricing and associated backup for additional information.

Assumptions & Qualifications:

- Costs associated with Overtime/Acceleration are not included
- Costs associated with patching of adjacent finishes are not included if required.

Description	Labor	Material	Equipment	Subcontract	Other	Price
EAS - PCO#015 dated 1/11/22				\$4,173.00		\$4,173.00
					Subtotal:	\$4,173.00
			Bond (.75%)	\$4,173.00		\$31.30
			General Liability (1.2%)	\$4,173.00		\$50.08
			Subguard (1.4%)	\$4,173.00		\$0.00
			OH&P (5% subs, 10% self perform)	\$4,254.38		\$212.72
					Total:	\$4,467.10

- ☐ SCHEDULE IMPACT
- ☐ We have proceeded with this change to achieve schedule.
- ☐ As directed, we will not proceed with this change until formal direction from OWNER is received.

ARCHITECT

Consigli Construction Co., Inc.
CONTRACTOR
72 Sumner Street
Milford MA 01757

OWNER

(Signature)

Arthur Duffy

By

02/14/2022

Date

(Signature)

John LaMarre

By

2/3/22

Date

(Signature)

Jim Burrows

By

2/15/2022

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

72 Sumner Street, Milford MA 01757 • phone: 508-473-2580 • fax: 508-473-3588 • web: www.consigli.com
Hartford CT • Washington DC • Portland ME • Boston MA • Milford MA • Albany NY • New York NY • Pleasant Valley NY • Ronkonkoma NY

H M
F H

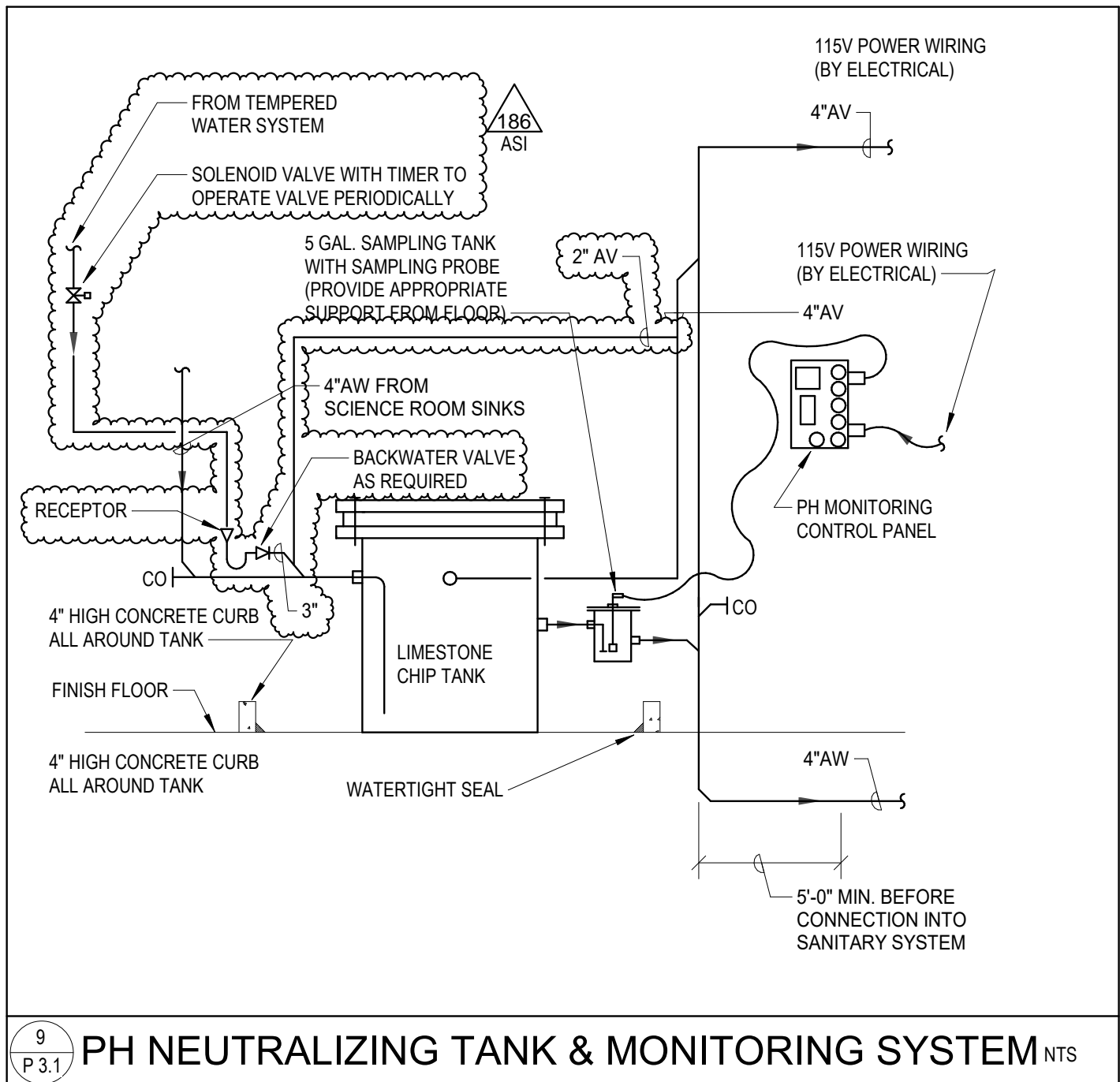
ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS _____

ASI: 186**date:** 11.19.2021**subject:** Revision to ANT connections**to:** Chris Weber **from:** Arthur Duffy**project id:** 408417**project:** Arlington High School**distribution:** ☒ Skanska ☐ Consigli
☒ HMFH Architects ☒ Other: Bala**reference:** Drawings: P3.1, P3.2**attachments:** Sketches SKP-26 and SKP-27OFFICE. (617) 492 2200
FAX. (617) 876 9775130 Bishop Allen Drive
Cambridge, MA 02139

hmfh.com

The Work shall be carried out in accordance with the following Supplemental Instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgement that there will be no change in the Contract Sum or Contract time.

Revision to connections to PH Neutralization Tank.



BALA
ENGINEERS

BALA CONSULTING ENGINEERS, INC.
52 TEMPLE PLACE
BOSTON, MA 02111-1018
TEL: 617 357 6060 FAX: 617 357 6188
WWW.BALA.COM

PHILADELPHIA | NEW YORK | BOSTON | BALTIMORE

Mechanical | Electrical | Plumbing | Fire Protection
Structural | Technology | Commissioning

ASI-186

REF. DWG. P 3.1

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

**H M
F H**

Arlington High School

PLUMBING PH NEUTRALIZING
TANK REVISIONS

SCALE: NONE

DATE: 11/18/21

DRAWN: WAL CHECKED: GC

DRAWING NUMBER

**SKP
26**

JOB NUMBER

6017442



REF. DWG. P 3.2

CCC - CR316

DRAWING NUMBER

SKP 27

JOB NUMBER

60177442

Arlington High School

SCALE: NONE DATE: 11/18/21 DRAWN: WAL CHECKED: GC

BALA
ENGINEERS
PHILADELPHIA | NEW YORK | BOSTON | BALTIMORE
MECHANICAL | ELECTRICAL | PLUMBING | FIRE PROTECTION
STRUCTURAL | TECHNOLOGY | CONSULTING

HMFH ARCHITECTS

H M F H
130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com



E. Amanti & Sons, Inc.
390 Highland Ave.
Salem, Massachusetts 01970
Phone: (978) 745-4144
Fax: (978) 745-8833

Project: 2054 - Arlington, High School PL
869 Massachusetts Avenue
Arlington, Massachusetts 02476

DRAFT

Prime Contract Potential Change Order #015: ASI-186 changes 2022.1.11

TO:	Consigli Construction Co. Inc. 72 Sumner Street Milford, Massachusetts 01757	FROM:	E. Amanti & Sons, Inc. 390 Highland Ave. Salem, Massachusetts 01970
PCO NUMBER/REVISION:	015 / 0	CONTRACT:	1 - Arlington, High School PL
REQUEST RECEIVED FROM:	Chris Weber (Consigli Construction Co. Inc.)	CREATED BY:	Gary Prescott (E. Amanti & Sons, Inc.)
STATUS:	Draft	CREATED DATE:	1/11/2022
REFERENCE:	ASI-186	PRIME CONTRACT CHANGE ORDER:	None
FIELD CHANGE:	No		
LOCATION:		ACCOUNTING METHOD:	Amount Based
SCHEDULE IMPACT:	0 days	PAID IN FULL:	No
EXECUTED:	No	SIGNED CHANGE ORDER RECEIVED DATE:	
		TOTAL AMOUNT:	\$4,173.00

POTENTIAL CHANGE ORDER TITLE: ASI-186 changes 2022.1.11

CHANGE REASON: Client Request

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*
ASI-186 changes 2022.1.11

ATTACHMENTS:

[ASI-186 revisions. 2022.1.11.pdf](#)

#	Budget Code	Description	Amount
1	G.22-220090.O General.Plumbing General Conditions.Other	ASI-186 changes 2022.1.11	\$4,173.00
Grand Total:			\$4,173.00

Arthur Duffy (HMFH Architects)

Consigli Construction Co. Inc.
72 Sumner Street
Milford, Massachusetts 01757

E. Amanti & Sons, Inc.
390 Highland Ave.
Salem, Massachusetts 01970

SIGNATURE DATE

SIGNATURE DATE

SIGNATURE DATE

2153		CM AT RISK ONLY CCC - CR316	
PROJECT NAME	Arlington HS	PROJECT NO.	
		CONSTR. MGR	Consigli Construction
PCO NUMBER		PCO DESC.	ASI-186 Revisions to PH Neutralization Tank
PCO DATE			
FORMAT FOR SUBMISSION OF CHANGE ORDER			
WORK OF <u>SUBCONTRACTOR</u> AND/OR <u>CONSTRUCTION MANAGER</u>			
NAME OF FIRM SUBMITTING CHANGE ORDER	E. Amanti & Sons Inc.		

1. DIRECT LABOR: SUBCONTRACTOR:

Use only Prevailing Wage Rates or Owner-Approved Wages and Rates

Applicable Prevailing Wage Rate for each Trade and Classification MUST be completed!

Allowable Excess fringes are those fringes required to be paid per union contract which exceed the contract prevailing wage and have been approved by Owner

Trade	Classification	Total Hrs. Worked	Prevailing Wage Rate (Per Contract Specs) THIS FIELD IS REQUIRED	These values shall be taken from the Rate Approval Sheet, after its approval by Owner.				Total Direct Labor Cost
				Base Wage Rate for Ins/Taxes (Item I from Wage Approval Sheet)	Approved Excess Fringes per Hour (Item K from Wage Approval Sheet)	Total Cost for Base Wages (subject to ins/taxes)	Total Cost for Approved Excess Fringes	
Plumbing	Journeyman	16.00	\$ 91.02			\$ 1,456.32	\$ -	\$ 1,456.32
Plumbing	Foreman	2.00	\$ 105.09			\$ 210.18	\$ -	\$ 210.18
						\$ -	\$ -	\$ -
						\$ -	\$ -	\$ -
						\$ -	\$ -	\$ -
TOTAL BASE, EXCESS AND DIRECT LABOR COSTS						\$ 1,666.50	\$ -	\$ 1,666.50

2. MATERIALS: SUBCONTRACTOR: (For extensive material lists, attach detailed backup and enter as a lump sum below)

Material Description	Qty	Unit	Cost Per Unit	Total
1/2" Propress copper ball valve	1.00	Each	\$ 34.51	\$ 34.51
1/2" Propress copper tee	1.00	Each	\$ 5.44	\$ 5.44
1/2" Propress copper 90	10.00	Each	\$ 3.58	\$ 35.80
1/2" Type L copper pipe.	20.00	Foot	\$ 2.76	\$ 55.20
2" X 10' Orion Blue Pipe	10.00	Foot	\$ 5.00	\$ 50.00
3" X 10' Orion Blue Pipe	10.00	Foot	\$ 8.96	\$ 89.60
2" Orion Couplings	6.00	Each	\$ 10.88	\$ 65.28
3" Orion Couplings	10.00	Each	\$ 13.20	\$ 132.00
4" Orion Coupling	4.00	Each	\$ 15.80	\$ 63.20
4" x 3" Orion wye	1.00	Each	\$ 65.20	\$ 65.20
4" x 3" Orion reducing coupling	1.00	Each	\$ 25.92	\$ 25.92
4" x 2" Orion TY	1.00	Each	\$ 54.32	\$ 54.32
3" Orion P-trap	1.00	Each	\$ 118.56	\$ 118.56
3" Orion 45	1.00	Each	\$ 19.04	\$ 19.04
3" Orion 90	1.00	Each	\$ 21.44	\$ 21.44
3" x 2" Orion ty	1.00	Each	\$ 34.96	\$ 34.96
2" Orion 90	1.00	Each	\$ 7.72	\$ 7.72
3" Galvanized F&M ring	1.00	Each	\$ 10.05	\$ 10.05
2" galvanized F&M ring	3.00	Each	\$ 6.60	\$ 19.80
1/2" Copper F&M rings	8.00	Each	\$ 3.20	\$ 25.60
3/8" x 6' threaded rod	4.00	Each	\$ 7.65	\$ 30.60
3/8" F&M plates	12.00	Each	\$ 4.40	\$ 52.80
3/8" hex nuts	24.00	Each	\$ 0.31	\$ 7.44
1/2" solenoid valve	1.00	Each	\$ 161.74	\$ 161.74
Intermatic Electronic time clock	1.00	Each	\$ 170.47	\$ 170.47

TOTAL MATERIALS COST: \$ 1,356.69

3. EQUIPMENT: SUBCONTRACTOR: (For extensive equipment lists, attached detailed backup and enter as a lump sum below)

Equipment Description	Qty	Unit	Cost Per Unit	Total
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -

2153		CM AT RISK ONLY CCC - CR316	
PROJECT NAME	Arlington HS	PROJECT NO.	
		CONSTR. MGR	Consigli Construction
PCO NUMBER		PCO DESC.	ASI-186 Revisions to PH Neutralization Tank
PCO DATE			
FORMAT FOR SUBMISSION OF CHANGE ORDER WORK OF <u>SUBCONTRACTOR</u> AND/OR <u>CONSTRUCTION MANAGER</u>			
NAME OF FIRM SUBMITTING CHANGE ORDER	E. Amanti & Sons Inc.		
			\$ -

TOTAL EQUIPMENT COST: \$ -

4. SUB TOTAL SUBCONTRACTOR DIRECT COST FOR ITEMS 1., 2. & 3.: SUB TOTAL: \$ 3,023.19 ✓

5. MISC. LUMP SUM SERVICES PROVIDED TO SUBCONTRACTOR (POLICE DETAIL, UTILITIES, ETC.):

Description of Miscellaneous Lump Sum Service - attach backup	Total
Elad Insulation	\$ 230.00
	\$ -
	\$ -
	\$ -
	\$ -

TOTAL MISC. LUMP SUM SERVICES COST: \$ 230.00 ✓

6. SUB ALLOWED 5% O&P Mark Up - MISC. LUMP SUM SERVICES: 5.00% \$ 11.50 ✓

7. SUB TOTAL SUBCONTRACTOR LINE ITEMS 4., 5. & 6.: SUB TOTAL: \$ 3,264.69 ✓

8. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:

Total Base Wages Subject to Insurance and Taxes from Item 1 above (If zero, use total direct labor cost)
Insurance & Taxes Rate (30% unless a higher rate has been formally approved by Owner)

\$	1,666.50
	30.00%

TOTAL COST INSURANCE AND TAXES \$ 499.95 ✓

9. OTHER APPROVED SUBCONTRACTOR DIRECT LABOR EXCESS FRINGE BENEFITS:

(i.e.: Apprentice Training, Education Fund, Legal, Travel, ETC.) --> excess fringes from Item 1 above

TOTAL EXCESS FRINGE BENEFITS: \$ -

10. OVERHEAD AND PROFIT OF SUBCONTRACTOR:

Subcontractor can charge 10% of actual total cost of Item 4. For a net CREDIT change order amount, use 0%

10.00% x ITEM 4: \$ 326.47 ✓

11. TOTAL OF ITEMS 7., 8. (A. or B.), 9. and 10.

TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR: \$ 4,091.11 ✓

11a. SUBCONTRACTOR PREMIUM FOR BOND

Required for CM trade subcontractors
Percentage of approved bond x item 11.

2.00% x ITEM 11: \$ 81.82 ✓

12 TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR, INCLUDING BOND COST

Enter the Value of Item 12 on the Summary Sheet

\$ 4,173.00 ✓
ROUNDED TO NEAREST DOLLAR

NOTE:

ALL change order proposals and invoices from the CONSTRUCTION MANAGER AND/OR SUBCONTRACTORS must include a cover letter on company letterhead identifying the PCO number, a description of the scope of work and the total cost of the proposed change order from that company. This information must be completed by every contractor doing work created by the change.

ELAD Industrial Insulation

P.O.Box 528, Sharon, MA 02067
 E-Mail: eladinsulation@yahoo.com
 Phone: (339) 230-0707, Fax: (339) 230-0708

PROPOSAL

Proposal Submitted To: E. Amanti & Sons		Fax: 978 – 745 - 7876	Date : January 10.2022
Street: 390 Highland Ave.		Job Name: Arlington School	
City, State, & Zip Code Salem, MA 01970		Job Location: Arlington, MA	
Job Number	PO #	Phone 978 – 745 - 4144	

Additional work: ASI 186

Materials +/- 21' of ½" pipe with 1" thickness of insulation
 Elbows #7 - 10pc
 Estimate labor: 1.4 HR

TOTAL AMOUNT THIS PROPOSAL..... \$230.00 ✓

We Propose hereby to furnish material and labor complete in accordance with the above specifications, for the sum of. Two Hundred Thirty and 00/100 Dollars:230.00	
Payment to be made as follows: Net 15 days from date of invoice * 1.5% Interest added to invoices over 15 days.	
All material is guaranteed to be as specified. All work to be completed in a Workmanlike manner according to standard practices. Any alteration or deviation from the above specifications involving extra costs will be executed Only upon written orders. Owner to carry all insurances.	Authorized Signature Alex Note: This proposal may be withdrawn by us If not accepted within 30 days.
Acceptance of Proposal The above prices, specifications and conditions are satisfactory and are Hereby accepted. You are authorized to perform the work as outlined above. Payment will be made as outlined above.	Date of Acceptance _____ Signature _____



Change Order (CO)

NO: **11**

Date of Issuance:

15-February 2022

Project:	Arlington High School	Contract For:	New Construction
Address:	869 Massachusetts Avenue, Arlington MA	Contract Date:	June 26, 2019
Owner:	Town of Arlington		
Address:	730 Massachusetts Avenue Arlington, MA 02476	Project ID:	
From:	HMFH Architects, Inc	To:	Consigli Construction Co., Inc.
Address:	130 Bishop Allen Drive, Cambridge MA 02139	Address:	72 Summer Street, Milford MA

Items included in this Change Order:	Cost:
CR 147.1 FP at Makerspace woodshop ductwork.	\$ 53,397.73
CR 243A Subcontractor cost associated with provisions for utilizing permanent heat via temp power services for Phase 1	\$ 44,524.94
CR 317R1 ASI-187 Misc Steel Revisions Bldgs A,B,C (Phase 2.3).	\$ 4,152.76
CR 323 RFI-582 Add Electric Boiler Emergency Disconnect Switch (T&M).	\$ 6,443.10

Change Order Total: \$ 108,518.53

THE CONTRACT IS CHANGED AS FOLLOWS:	
Original Contract Sum was:	\$234,287,347.00
Net change by previously authorized Change Order was:	\$ 820,323.74
Contract Sum prior to this Change Order was:	\$235,107,670.74
Contract Sum will be (increased) (decreased) by Change Order in the amount of:	\$ 108,518.53
New Contract Sum including this Change Order will be:	\$235,216,189.27
Contract Time will remain unchanged .	
Date of Substantial Completion as of the date of this Change Order therefore is:	02/14/2022 (Phase 1) 09/19/2023 (Phase 2) 09/18/2024 (Phase 3) 04/25/2025 (Final-Site)

NOTE: This Change Order does not include changes in the Contract Sum, Contract Time or Guaranteed Maximum Price, which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Architect HMFH Architects, Inc. 130 Bishop Allen Drive. Cambridge, MA	Owner's Project Manager Skanska USA Building, Inc. 101 Seaport Boulevard, Suite 200 Boston, MA 02210	Construction Manager Consigli Construction Co., Inc. 72 Summer Street Milford, MA 01757
		
BY (Signature) Arthur Duffy	BY (Signature) Jim Burrows	BY (Signature) John LaMarre
02/15/2022		
Date	Date	Date

Town Manager Adam Chapdelaine 730 Massachusetts, Avenue Arlington MA, 02476		
BY (Signature) Adam Chapdelaine	BY (Signature)	BY (Signature)
Date	Date	Date

Attachments:	Consigli CR's 147.1, 243A, 317R1, 323	
Distribution:	<input checked="" type="checkbox"/> Owner – Adam Chapdelaine	<input checked="" type="checkbox"/> Architect – Arthur Duffy, Lori Cowles HMFH Architects, Inc.
	<input checked="" type="checkbox"/> OPM – Jim Burrows, Sy Nguyen, Hal Raymond, Victoria Clifford Skanska USA Building, Inc.	<input checked="" type="checkbox"/> Contractor – John LaMarre, Todd McCabe, Chris Weber, David Dockendorf Consigli Construction Co., Inc.
	<input checked="" type="checkbox"/> Field – C. McWilliams, T. DeRosa Consigli Construction Co, Inc.	<input type="checkbox"/> Other–



Change Request

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR147.1
Date: 5/28/21
Job: 2153 Arlington High School
Phone:

Description: CCD-023 - FP at Makerspace Ductwork (FP Costs Only)_Sub. 012422

Source: CCD

We offer the following specifications and pricing to make the changes as described below:

**CR147.1 includes revised Delta Mechanical pricing only in response to HMFH CR147 comments. CR147.1 has been issued to capture fire protection costs only. Costs associated with HVAC, Electrical, and Drywall scope were previously submitted and approved under CR147.

CR147 includes costs associated with CCD-023 - Additional Fire Protection at Makerspace Ductwork dated 5/27/21 issued by HMFH. Per CCD-023, additional sprinkler protection is required at the ductwork/riser for the dust collection and spray booth systems in order to be code compliant. Please see scope summary below and attached associated backup for additional information.

Fire Protection - Delta Mechanical:

- F&I Dry sprinkler coverage and riser in all new dust collection and spraybooth exhaust ductwork
- F&I Spill to exterior (east)
- F&I Heat Trace & Insulation L5/Roof level

Assumptions & Qualifications:

- Costs associated with overtime/acceleration are not included.
- Costs associated with out of sequence painting are not included
- Costs associated with out of sequence above ceiling access/ tile removal/replacement are not included.
- CCC has proceeded with this change in accordance with CCD direction

Description	Labor	Material	Equipment	Subcontract	Other	Price
Delta Mechanical - PCO#001R2 dated 1/11/22				\$49,882.27		\$49,882.27
					Subtotal:	\$49,882.27
			Bond (.75%)	\$49,882.27		\$374.12
			General Liability (1.2%)	\$49,882.27		\$598.59
			Subguard (1.4%)	\$49,882.27		\$0.00
			OH&P (5% subs, 10% self perform)	\$50,854.98		\$2,542.75
					Total:	\$53,397.73

- ☐ SCHEDULE IMPACT
- ☒ We have proceeded with this change to achieve schedule.
- ☐ As directed, we will not proceed with this change until formal direction from OWNER is received.



Change Request

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR147.1
Date: 5/28/21
Job: 2153 Arlington High School
Phone:

ARCHITECT

Consigli Construction Co., Inc.

CONTRACTOR
72 Sumner Street
Milford, MA 01757

OWNER

(Signature)

Arthur Duffy

By

02/14/2022

Date

(Signature)

John LaMarre

By

2/10/22

Date

(Signature)

Jim Burrows

By

2/15/2022

Date

From: Weber, Chris
Sent: Tuesday, July 6, 2021 9:43 AM
To: Arthur Duffy; Jim Burrows; Nguyen, Sy; Raymond, Hal
Cc: Clifford, Victoria; McWilliams, Chuck; Rockwood, David; Dockendorf, David; LaMarre, John; Samya, Kevin
Subject: RE: NOC - CCD 023 FP at Makerspace ductwork_CR147

All,

We have all pricing compiled associated with CR147 - CCD-023 – FP at makerspace ductwork, current ROM value is \$65,000. See below for breakdown:

- Delta Mechanical (Fire Protection) \$51,000
- Colony Drywall (Remob for Shaft Completion) \$3,500
- PJ Kennedy (Ductwork modifications/Additions) \$2,100
- WJGE (Heat Trace) \$3,5000

As advised previously, as these changes were issued as a CCD we have proceeded with the work as designed. Formal CR submission to follow.

Thanks and let me know if you have any questions.
Chris

From: Weber, Chris
Sent: Friday, May 28, 2021 11:44 AM
To: Arthur Duffy <aduffy@hmfh.com>; Jim Burrows <jim.burrows@skanska.com>; Nguyen, Sy <Sy.Nguyen@skanska.com>; Raymond, Hal <hal.raymond@skanska.com>
Cc: Clifford, Victoria <Victoria.Clifford@skanska.com>; McWilliams, Chuck <cmcwilliams@consigli.com>; Rockwood, David <drockwood@consigli.com>; Dockendorf, David <ddockendorf@consigli.com>; LaMarre, John <JLaMarre@consigli.com>; Samya, Kevin <ksamya@consigli.com>
Subject: RE: NOC - CCD 023 FP at Makerspace ductwork_CR147

All,

We are in receipt of CCD-023 – FP at Makerspace Ductwork, dated 5/27/21. We have directed subcontractors to proceed and are currently reviewing for cost/schedule impacts. Rough list of current known impacts below:





- Shaft wall construction on L5/4/3 is currently ongoing, however we have instructed Colony to stop work at these locations at this time in order to provide access to shaft/duct riser. Remobilization costs will be incurred for Colony to return to these rooms to complete/close shaft wall assembly upon completion of FP work.
- Heat trace controller to be wired to 427A below
- Sprinkler Drain in woodshop to east façade – exterior sheathing/AVB complete on east elevation. Patching required
- Added FP heads in spray booth ex. Duct – duct fabricated. Penetrations to be field cut

Lead times are being reviewed for FP control valves, heat trace controller, etc. for installation schedule associated with above ceiling work.

We will follow up with ROM cost and additional schedule information. We have assigned CR147 for this scope.

Thanks and please let me know if you have any questions.
Chris



Chris Weber
Project Manager
m: 774.573.4072
    consigli.com

From: Arthur Duffy <aduffy@hmfh.com>

Sent: Thursday, May 27, 2021 8:53 AM

To: Weber, Chris <cweber@consigli.com>; Dockendorf, David <ddockendorf@consigli.com>; LaMarre, John <JLaMarre@consigli.com>; Rockwood, David <drockwood@consigli.com>; McWilliams, Chuck <cmcwilliams@consigli.com>; Samya, Kevin <ksamya@consigli.com>; Martino, Scott <smartino@consigli.com>

Cc: Jim Burrows <jim.burrows@skanska.com>; Nguyen, Sy <Sy.Nguyen@skanska.com>; Raymond, Hal <hal.raymond@skanska.com>; Clifford, Victoria <Victoria.Clifford@skanska.com>; Lori Cowles <lcowles@hmfh.com>; Alan Pemstein <apemstein@hmfh.com>; Gilbert Castera <GC@bala.com>

Subject: CCD 023 FP at Makerspace ductwork

All, Attached is a CCD for adding sprinkler protection at the Ductwork associated with the Makespace dust collection and paint spray booth. Associated electrical for heat trace.
This is a code required need driven by the size of the ductwork.

I understand GWB is in progress, so this particular duct shaft will need to be left open for the installation of the sprinklers.

Also, there is a deletion of the dry-head system that fed to the soffit overhang. This had previously been annotated on the Fire Protection MEPFP drawing.

Arthur Duffy AIA
Senior Associate | 617 844 2130

HMFH ARCHITECTS
130 Bishop Allen Drive, Cambridge, MA 02139 | 617.492.2200
web | [twitter](https://twitter.com) | [facebook](https://facebook.com) | [linkedin](https://linkedin.com)



2153

CCC - CR147.1

PCO #001

Delta Mechanical Contractors, LLC
44 Wilclar Street
Warwick, Rhode Island 02886
Phone: 401-737-3500

Project: 21060 - Arlington High School
869 Massachusetts Avenue
Arlington, Massachusetts 02476

Prime Contract Potential Change Order #001: CCD 23 Duct Sprinklers

TO:	Consigli Construction Co., Inc. 72 Sumner Street Milford, Massachusetts 01757	FROM:	Delta Mechanical Contractors, LLC 44 Wilclar St Warwick, Rhode Island 02886
PCO NUMBER/REVISION:	001 / 0	CONTRACT:	FSC-2153-015 - Arlington High School Prime Contract
REQUEST RECEIVED FROM:		CREATED BY:	Frederick Pucillo III (Delta Mechanical Contractors, LLC)
STATUS:	Pending - In Review	CREATED DATE:	6/29/2021
REFERENCE:		PRIME CONTRACT CHANGE ORDER:	None
FIELD CHANGE:	No		
LOCATION:		ACCOUNTING METHOD:	Amount Based
SCHEDULE IMPACT:		PAID IN FULL:	No
EXECUTED:	No	SIGNED CHANGE ORDER RECEIVED DATE:	

POTENTIAL CHANGE ORDER TITLE: CCD 23 Duct Sprinklers

CHANGE REASON: GC Request

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*

CE #001 - CCD 23 Sprinklers in Dust Collectors
Add Sprinklers in Duct per CCD 23

Updated to include Engineer's Markups

ATTACHMENTS:

CCD 23 Material Backup.pdf

#	Budget Code	Description	Amount
1	20-15-305.S FP - Engineering.Subcontractor	Engineering / Coordination	\$5,300.00
2	20-15-310.M FP - Pipe/Valves/Fittings.Materials	Sprinkler Material	\$16,293.61
3	20-15-310.L FP - Pipe/Valves/Fittings.Labor	Foreman Labor 76 @ 139.09	\$10,570.84
4	20-15-310.L FP - Pipe/Valves/Fittings.Labor	Journeyman Labor 76 @ 133.31	\$10,131.56
5	20-15-710.M Misc. Attachments - FP.Materials	Overhead and Profit	\$2,652.72
6	20-15-710.M Misc. Attachments - FP.Materials	Heat Trace	\$2,033.54
7	20-15-710.M Misc. Attachments - FP.Materials	Insulation	\$2,900.00
Grand Total:			\$49,882.27

Consigli Construction Co., Inc.
72 Sumner Street
Milford, Massachusetts 01757

Delta Mechanical Contractors, LLC
44 Wilclar St
Warwick, Rhode Island 02886

SIGNATURE

DATE

SIGNATURE

DATE

SIGNATURE

DATE

DELTA MECHANICAL CONTRACTORS LLC
 RATE SHEETS
 SPRINKLERFITTER - LOCAL 550
 MASTER SHEET

FROM	3/1/2021	3/1/2021	3/1/2021
TO	9/15/2021	9/15/2021	9/15/2021
JOURNEYMAN	STRAIGHT WAGE	OVERTIME WAGE	DOUBLE TIME WAGE
BASE RATE	\$62.45	\$93.68	\$124.90
HEALTH & DENTAL INSURANCE	\$10.00	\$10.00	\$10.00
RETIREMENT PLANS	\$21.25	\$21.25	\$21.25
TRAINING FUND (APPRENTICE FUND)	\$1.06	\$1.06	\$1.06
LABOR MANAGEMENT COOP TRUST	\$0.10	\$0.10	\$0.10
INDUSTRY IMPROVEMENT FUND	\$0.35	\$0.35	\$0.35
	<u>\$32.76</u>	<u>\$32.76</u>	<u>\$32.76</u>
	\$95.21	\$126.44	\$157.66
SHIFT PREMIUM	0.00%	\$0.00	\$0.00
SHIFT PAY COST		<u>\$95.21</u>	<u>\$126.44</u>
			<u>\$157.66</u>
FICA	\$4.78	\$7.17	\$9.55
SUTA	\$6.43	\$9.65	\$12.86
FUTA	\$0.94	\$1.41	\$1.87
WORKERS COMPENSATION	\$3.49	\$5.24	\$6.98
GENERAL LIABILITY	\$3.99	\$5.99	\$7.98
VACATION / HOLIDAY / SICK	\$1.35	\$1.35	\$1.35
AUTO, UMBRELLA, PROPERTY INS ETC			
INCIDENTALS - TOOLS, EXPENDABLES			
TRAVEL EXPENSE	\$5.00	\$5.00	\$5.00
	<u>\$25.98</u>	<u>\$35.79</u>	<u>\$45.61</u>
	\$121.19	\$162.23	\$203.27
OVERHEAD AND PROFIT	10.00%	\$12.12	\$20.33
	<u>\$133.31</u>	<u>\$178.45</u>	<u>\$223.59</u>
BOND	0.00%	\$0.00	\$0.00
	<u>\$133.31</u>	<u>\$178.45</u>	<u>\$223.59</u>
FOREMAN (1-6 FITTERS)	STRAIGHT WAGE	OVERTIME WAGE	DOUBLE TIME WAGE

C+D Fire Sprinkler Design, LLC
33 Ogden Avenue
Warwick, RI 02889
623-826-8291
Dave Evans
Email: dave.evans@cdfiresprinklerdesign.com

Delta Mechanical Contractors, LLC
44 Wilclar Street
Warwick, RI 02886


January 11, 2022

Change Order - CCD #23 – Maker Space

Re: Arlington High School
Massachusetts Avenue
Arlington, Massachusetts

1. Costs associated with engineering, survey, drawing revisions, and As-Built drawings.
2. Provide material fabrication lists and installation drawings.

Our fee for scope of services as described above; \$5,300.00.

By: Fred Pucillo Signature:  Date: 1/11/22

2153

1. W. HESS Company
3 Slater Road
Cranston, RI 02920
TEL# (401-463-3741)
FAX# (401-463-4103)

Date
01/11/22

Quote
Number
74563608
CCC - CR147.1

To:

DELTA MECHANICAL
44 WILCLAR STREET

SAME
44 WILCLAR STREET

WARWICK RI 02886-6917

WARWICK, RI 02886-6917

(401-737-3500) Fax# (401-737-3518)

Cust #	Customer Po#	Rel#	Writer	Date Req
96234	ARLINGTON CCD 23		SYH	01/11/22
				PAGE 1 OF 1

Quoted By: STEVE HARWOOD

Quantity	Description	Net Price	Exten	Ln#

15	#FLEXIBLE DRY DUCT SPRINKLE + VICVQD (S4121457)	749.900	11248.50	(1)
52	PIPE LW BLK CS 2-1/2"x21' S10 A135 GR PIPE IS LW GRV X GRV D/P212LW (49060)	10.256	533.31	(2)
147	PIPE BLK CS 2"x21' S40 A53 PE 0.154" D/P2BPE (45504)	11.164	1641.15	(3)
42	PIPE GALV CS 1-1/2"x21' S40 A53 T&C D/P112GTC (45495)	13.737	576.94	(4)
2	* BFV UL/FM W/TMPR GRVxGRV 2-1/2" DI BU VIC705-212SOD (90736)	294.880	589.76	(5)
6	* ELL FRLCK 90DEG 2-1/2" 001 DI GRV VIC001-212 (58762)	13.090	78.54	(6)
2	* ELL FRLCK 45DEG 2-1/2" 003 DI GRV VIC003-212 (58768)	13.090	26.18	(7)
24	* CPLG FRLCK-EZ RGD 2-1/2" GRV DI ORG 0 VIC009-212 (283905)	15.500	372.00	(8)
22	* CPLG FRLCK-EZ RGD 2" GRV DI ORG 009N VIC009-2 (283904)	13.530	297.66	(9)
2	VLV 2-1/2" GXG UMC ASSY W/HOS VICY0317809RH (848431)	561.200	1122.40	(10)
-28	PIPE BLK CS 1-1/4"x21' S40 A53 PE 0.1 D/P114BPE (45533)	3.898	-109.15	(11)
2	SPRK HD REC DRY PNDNT 155F QR CP 18" VICS363BCQ046 (266252)	83.680	167.36	(12)
-3	SPRK HD REC DRY PNDNT 155F QR CP 18" VICS363BCQ046 (266252)	83.680	-251.04	(13)

Sub Total: 16293.61

Total: 16293.61 ✓

*** NUMBER OF DAYS QUOTE VALID IS 15 ***

PLEASE REFERENCE QUOTE # 74563608 FOR INQUIRIES OR ORDER OF ABOVE MATERIAL

+ THIS PRODUCT IS A SPECIAL ITEM. RESTOCKING FEES MAY APPLY.



21538
EMERSON SWAN

A Swan Group Company

300 POND STREET RANDOLPH, MA 02368
PHONE 781-986-2555 FAX 781-986-2027

To: FRED PUCILLO
DELTA MECHANICAL

WARWICK, RI
F.PUCILLO@DELTAMECHLLC.COM

FIRE PROTECTION CABLE

APPLIED PRODUCTS QUOTE

CCC-CR147-1

QUOTE NUMBER	REVISION DATE	DUE DATE
2021-234169-1	7/15/2021	11/9/2020
JOB AND LOCATION		
ARLINGTON HIGH SCHOOL		
ARLINGTON, MA		
PREPARED BY	ENGINEER	
DAN KELLEY	BALA CONSULTING ENGINEERS, INC.	
LEAD TIME	TERMS	FREIGHT
	NET 30*	PC

NVENT THERMAL LLC (PENTAIR RAYCHEM)

QTY	DESCRIPTION	UNIT PRICE	EXT. PRICE
50	5XL2-CR 25 208-277V HEAT CABLE 5WTS/FT	\$8.42	\$421.00
1	RAYCLIC-PC RAYCLIC POWER KIT/END SEAL	\$98.31	\$98.31
1	465 CONTROLLER FIRE PROTECTION CONTROLLER	\$1,205.57	\$1,205.57
1	GT-66 GLASS TAPE 66FT/ROLL	\$9.26	\$9.26
5	ETL LABEL, ELECTRIC TRACED	\$1.98	\$9.90
1	OPTIONAL START UP/TRAINING	\$500.00	\$500.00
<p>** 3% PRICE INCREASE SCHEDULED FOR SEPTEMBER 1ST ***</p> <p>NOTE: ALL RAYCHEM JOB QUOTES REFLECT EITHER INDIVIDUAL UNIT PRICING OR ESTIMATED QUANTITY PRICING DEPENDING ON THE DETAILED INFORMATION AVAILABLE ON THE PROJECT. AT NO TIME SHOULD THIS QUOTATION BE CONSIDERED A 'NOT TO EXCEED' OR GUARANTEED MAXIMUM PROPOSAL. WE WILL WORK WITH EVERY CUSTOMER TO PROVIDE THE MOST DETAILED TAKEOFF AND DESIGN LAYOUTS POSSIBLE FOR THIS PROJECT AFTER RECEIPT OF A PURCHASE ORDER COMMITTING TO THE PROJECT.</p> <p>***** ALL CABLES MUST BE PURCHASED IN 25 FT INCREMENTS *****</p> <p style="text-align: right;">- 210.50</p>			
TOTAL			\$2,244.04

PLEASE NOTE: ANY PO PLACED THAT IS EXEMPT FROM TAX MUST INCLUDE THE TAX EXEMPT CERTIFICATE AT TIME OF ORDER

PLEASE REFERENCE OUR QUOTE NUMBER ON ALL CORRESPONDENCES.

SELLER SHALL NOT BE LIABLE IF MATERIAL QUOTED IS NOT APPROVED, NOR FOR QUANTITIES OTHER THAN LISTED ABOVE. PRICES DO NOT INCLUDE ANY TAXES.

ALL PRICES ARE SUBJECT TO REVIEW THIRTY (30) DAYS FROM DATE OF QUOTE.

*TERMS CONDITIONAL UPON CREDIT APPROVAL

Proposal

VIKING INDUSTRIES, INC.

Commercial - Industrial Insulation
P. O. Box 32
BARRINGTON, RHODE ISLAND 02806
(401) 246-1855
(401) 246-1366 FAX

Proposal submitted to:		Phone	Date
DELTA MECHANICAL			08/18/21
Street		Job Name	
		ARLINGTON HIGH SCHOOL	
City, State And Zip Code		SPRINKLER PIPING	
		ARLINGTON, MA	
Attention:	Date of Plans		Job Phone
FRED PUCILLO	5/21/21 & 11/30/20		

TO SUPPLY AND INSTALL INSULATION ON THE SYSTEM(S) **SPRINKLER**
AT THE ABOVE STATED PROJECT. Includes Addenda's **N/A**

PRICE TO INSULATE SPRINKER PIPING PER FRED'S EMAIL, ON PAGES
SKFP 03, & FP1.2.4

PRICE TO INSULATE SPRINKLER PIPING ON ROOF, AND TEMPORARY
BRIDGE, PER DRAWINGS SKFP 03 AND FP 1.2.4

PIPE ON ROOF TO HAVE 2" THICK FIBERGLASS PIPE INSULATION,
JACKETED WITH ALUMINUM JACKET
PIPE IN TEMPORARY BRIDGE TO BE INSULATED WITH 1 1/2" FIBERGLASS
PIPE INSULATION, WITH AN ASJ/SSL JACKET

BREAKOUT AS FOLLOWS:

BRIDGE WORK:

ROOF WORK:

TOTAL:

\$2,900.00

NOTE: This quote is based on material pricing at time of quote and availability when required. For more
information please call. Thank You.

We propose here by to furnish material and labor - complete in accordance with above specifications, for the sum of
******SIX THOUSAND ONE HUNDRED DOLLARS AND 00******

Payment to be made as follow

THIRTY DAYS AFTER BILLING DATE

All Material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration of deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Viking Industries, Inc.

Authorized Signature

Leonard E. Carlson

Leonard E. Carlson, President

We do not guarantee against mold growing.

Note: This proposal may be withdrawn by us if not accepted within Seven (7) Days

Bid subject to reasonable terms and conditions pursuant to a written contract between the parties.

If this quote is used by a Contractor or Subcontractor as part of their quote to win a job, Viking Industries Inc. must be Notified (in writing) of the award
within One Working Day so Viking can have time to review the quote and Approve or Withdraw it.

Acceptance of Proposal -The above prices, specifications
and conditions are satisfactory and are hereby accepted. You are authorized
to do work as specified. Payment will be made as outlined above

Signature _____

Signature _____

Date of Acceptance: _____

BASE RATE		\$66.45	\$99.68	\$132.90
HEALTH & DENTAL INSURANCE		\$10.00	\$10.00	\$10.00
RETIREMENT PLANS		\$21.25	\$21.25	\$21.25
TRAINING FUND (APPRENTICE FUND)		\$1.06	\$1.06	\$1.06
LABOR MANAGEMENT COOP TRUST		\$0.10	\$0.10	\$0.10
INDUSTRY IMPROVEMENT FUND		\$0.35	\$0.35	\$0.35
		<u>\$32.76</u>	<u>\$32.76</u>	<u>\$32.76</u>
		\$99.21	\$132.44	\$165.66
SHIFT PREMIUM	0.00%	\$0.00	\$0.00	\$0.00
SHIFT PAY COST		<u>\$99.21</u>	<u>\$132.44</u>	<u>\$165.66</u>
FICA		\$5.08	\$7.63	\$10.17
SUTA		\$6.84	\$10.27	\$13.69
FUTA		\$1.00	\$1.50	\$1.99
WORKERS COMPENSATION		\$3.71	\$5.57	\$7.43
GENERAL LIABILITY		\$4.25	\$6.37	\$8.49
VACATION / HOLIDAY		\$1.35	\$1.35	\$1.35
AUTO, UMBRELLA, PROPERTY INS ETC				
INCIDENTALS - TOOLS, EXPENDABLES				
TRAVEL EXPENSE		\$5.00	\$5.00	\$5.00
		<u>\$27.24</u>	<u>\$37.68</u>	<u>\$48.12</u>
		\$126.45	\$170.11	\$213.78
OVERHEAD AND PROFIT	10.00%	\$12.64	\$17.01	\$21.38
		<u>\$139.09</u>	<u>\$187.12</u>	<u>\$235.16</u>
BOND	0.00%	\$0.00	\$0.00	\$0.00
		<u>\$139.09</u>	<u>\$187.12</u>	<u>\$235.16</u>

**CHANGE REQUEST RESPONSE**

DATE RECEIVED 5/28/21 **DATE RETURNED:** 11/2/21
TO: Arthur Duffy
HMFH Architects
130 Bishop Allen Drive
Cambridge, MA 02139
FROM Gilbert Castera & J. Ryan Flynn
Bala Consulting Engineers
RE: Arlington High School
60-17-442
Change Request CR147 (CCD-023)

We have reviewed Change Request CR147 (CCD-023) regarding adding sprinkler heads in ductwork issued in CCD-023. Our comments reside below.

We take no exception to the sheet metal labor or materials submitted to perform the work by the HVAC Contractor.

We noticed the following discrepancies with the list of materials and therefore we recommend that the FP portion of the proposal be adjusted accordingly.

1. Quantity of sprinklers is noted as (18) heads instead of (15) flex heads required.
2. Quantity of 2.5 inch sprinkler pipe is noted as 231 feet. It should be 100 feet or less. HMFH tallies 52'
3. Quantity of 2 inch sprinkler pipe is noted as 169 feet. It should be 100 feet or less.
4. Quantity of heat tracing is noted as 50 feet. It should be 20 feet or less.
5. Quantity of labor hours should be adjusted as required in accordance with the above noted discrepancies.

See color-coded
takeoff on
sketches within

2": HMFH tallies 192' added- less 45' deleted = 147'

1 1/4" pipe deleted (28') and three dry pendant heads- provide credit

The Contractor is responsible for all quantities and means and methods of construction for this project.

All unit pricing and contractor markups must comply with the bid forms and contracts with the Client.

BALA CONSULTING ENGINEERS
52 TEMPLE PLACE
BOSTON, MA 02111

617 357 6060
617 357 5188 FAX
WWW.BALA.COM

Construction Change Directive (CCD)

CCC - CR147.1

NO:

023

Date of Issuance:

May 27, 2021

Project:	Arlington High School	Contract For:	New Construction
Address:	869 Massachusetts Avenue, Arlington, MA 02476	Contract Date:	June 26, 2019
Owner:	Town of Arlington		
Address:	730 Massachusetts Avenue, Arlington, MA 02476	Project ID:	408417
From:	HMFH Architects, Inc	To:	Consigli Construction Co., Inc
Address:	130 Bishop Allen Drive, Cambridge, MA 02139	Address:	Milford, MA

You are hereby directed to make the following change(s) in this Contract:

Addition of Sprinkler protection in dust collector and spray booth duct system. Associated electrical changes for heat trace. Deletion of dry-head system at floor overhang.

PROPOSED ADJUSTMENTS:

1. The proposed basis of adjustment to the Contract Sum or Guaranteed Maximum Price is:

- ☒ Lump Sum increase of \$ TBD
- ☐ Unit Price of \$ per
- ☐ On a Time & Materials Basis
- ☐ As follows:

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05/27/2021

2. The Contract Time shall **BE UNCHANGED**. Such an adjustment, if any, shall be **0** days from the date of Substantial Completion.

When signed by the Owner and Architect and received by the Contractor, this document becomes effective IMMEDIATELY as a Construction Change Directive (CCD), and the Contractor shall proceed with the change(s) described above.			Contractor signature indicates agreement with the proposed adjustments in Contract Sum and Contract Time set forth in this CCD.
HMFH Architects	Town of Arlington	Consigli Construction Co., Inc.	
ARCHITECT	Owner	Contractor	
130 Bishop Allen Drive	730 Massachusetts Avenue	72 Summer Street	
Cambridge, MA	Arlington, MA	Milford, MA	
ADDRESS	ADDRESS	ADDRESS	
BY (Signature)	BY (Signature)	BY (Signature)	
Arthur Duffy			
(Typed Name)	(Typed Name)	(Typed Name)	
DATE	DATE	DATE	

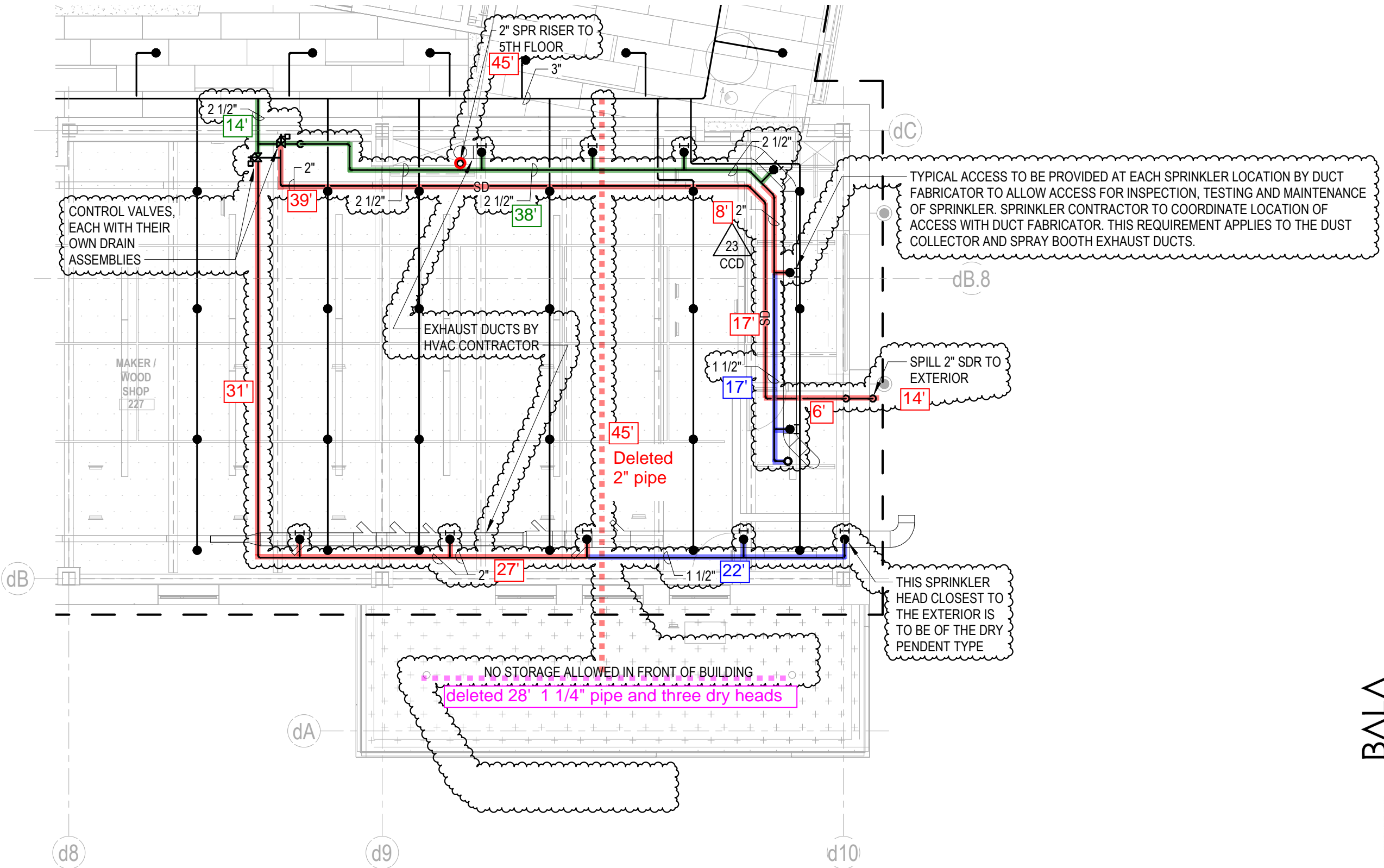
Attachments:	Sketches SKFP-01, SKFP-02, SKFP-03, SKE-015		
distribution:	<input checked="" type="checkbox"/> Owner – Adam Chapdelaine	<input checked="" type="checkbox"/> Architect – Arthur Duffy, Lori Cowles	
	<input checked="" type="checkbox"/> OPM – J Burrows, Sy Nguyen, H. Raymond	<input checked="" type="checkbox"/> Contractor – J. LaMarre, C. Weber, D. Dockendorf	
	<input checked="" type="checkbox"/> Consultant – Bala	<input checked="" type="checkbox"/> Field – C. McWilliams, D. Rockwood	

RECEIVED
05/27/2021

SCOPE NOTES:

- 1. REFER TO DRAWING FP2.4d FOR TYPICAL SPRINKLER BRANCH SIZES FOR BUILDING D.
- 2. PROVIDE SPRINKLER COVERAGE IN ALL NEW DUST COLLECTION & SPRAY BOOTH EXHAUST DUCTWORK 10 INCH IN DIAMETER OR LARGER. SPRINKLERS ARE TO ALL BE OF THE HIGH TEMPERATURE TYPE.

23
CCD



BALA
ENGINEERS

PHILADELPHIA / NEW YORK / BOSTON / BALTIMORE
ARCHITECTS / ENGINEERS / INTERIORS
STRUCTURAL / MECHANICAL / ELECTRICAL

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

HM
FH

Arlington High School
FIRE PROTECTION LEVEL 2 AREA D REVISIONS

REF. DWG. FP 2.2d CCD-23

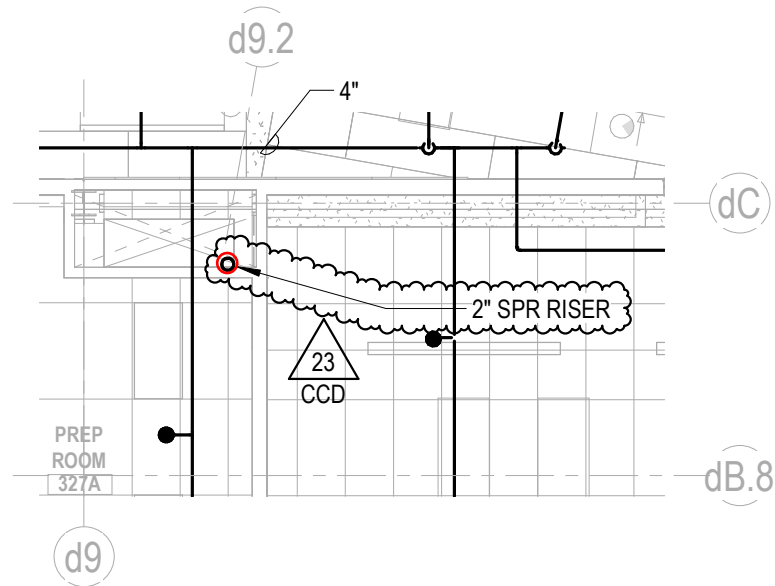
DRAWING NUMBER

SKFP
01

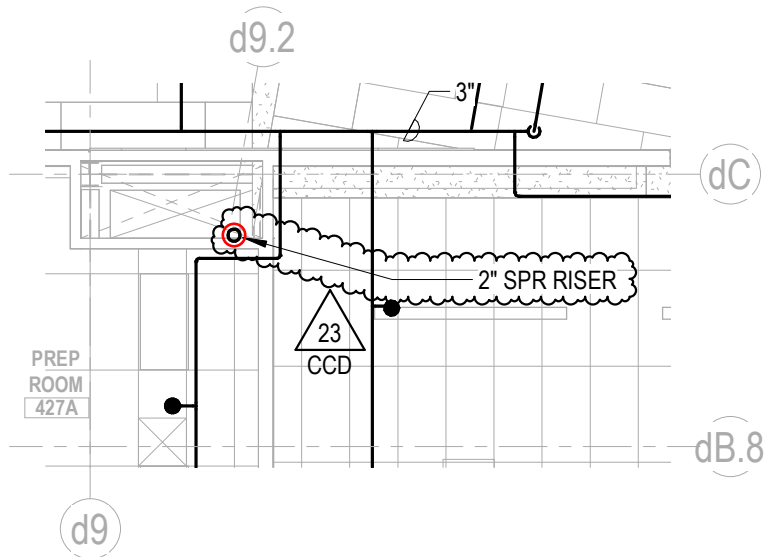
JOB NUMBER 6017442

SCALE: 1/8" = 1'-0" DATE: 05/21/21 DRAWN: WAL CHECKED: GC

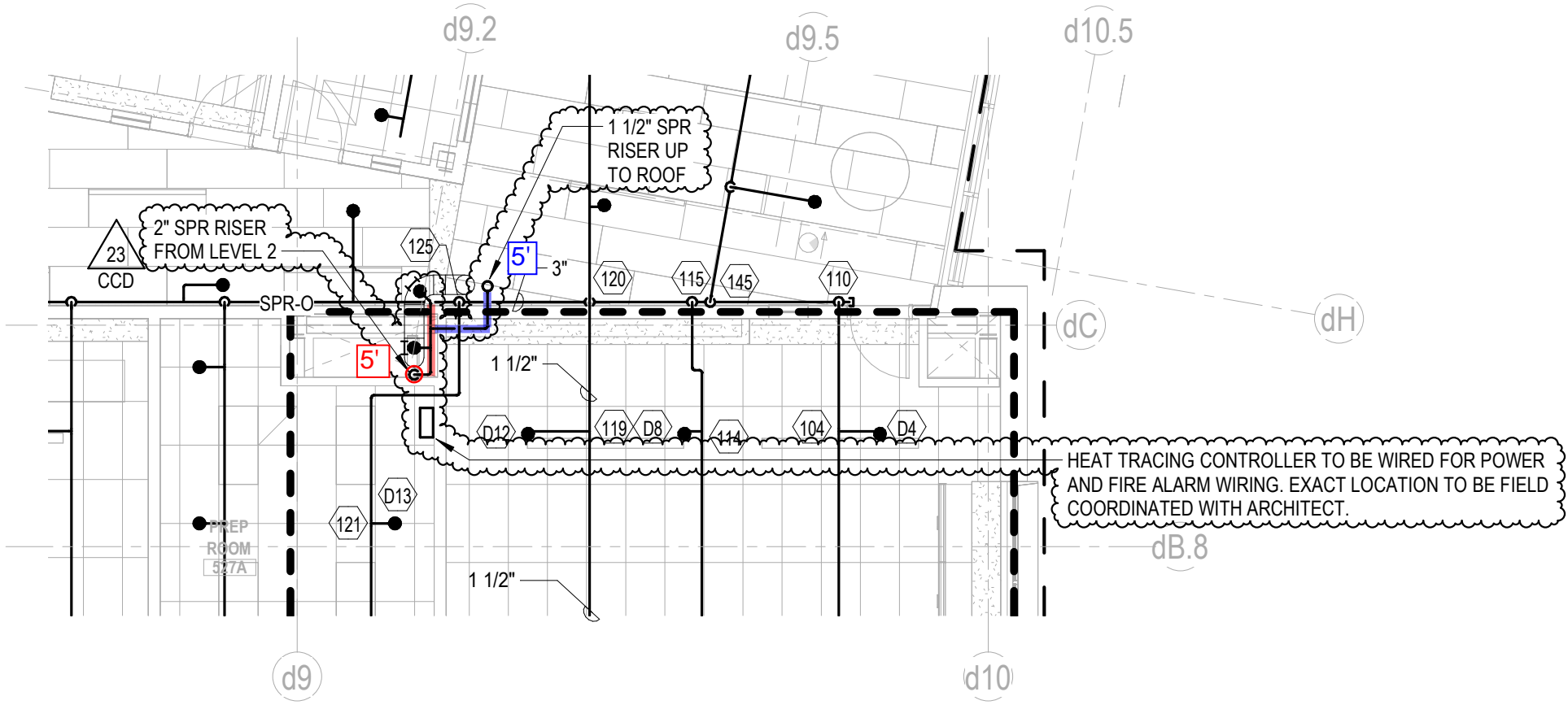
RECEIVED
05/27/2021



1 FIRE PROTECTION LEVEL 3 AREA D
1/8" = 1'-0"



2 FIRE PROTECTION LEVEL 4 AREA D
1/8" = 1'-0"



3 FIRE PROTECTION LEVEL 5 AREA D
1/8" = 1'-0"

REF. DWG. FP 2.3d, FP 2.4d, & FP 2.5d CCD-23

DRAWING NUMBER
SKFP
02
JOB NUMBER
6017442

Arlington High School
FIRE PROTECTION AREA D REVISIONS

BALA
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PHILADELPHIA | NEW YORK | BOSTON | BALTIMORE
INDIANAPOLIS | CHICAGO | SAN ANTONIO
MEMPHIS | HOUSTON | LOS ANGELES
SAN FRANCISCO | SEATTLE | WASHINGTON, DC

HMFH ARCHITECTS

HM
FF

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

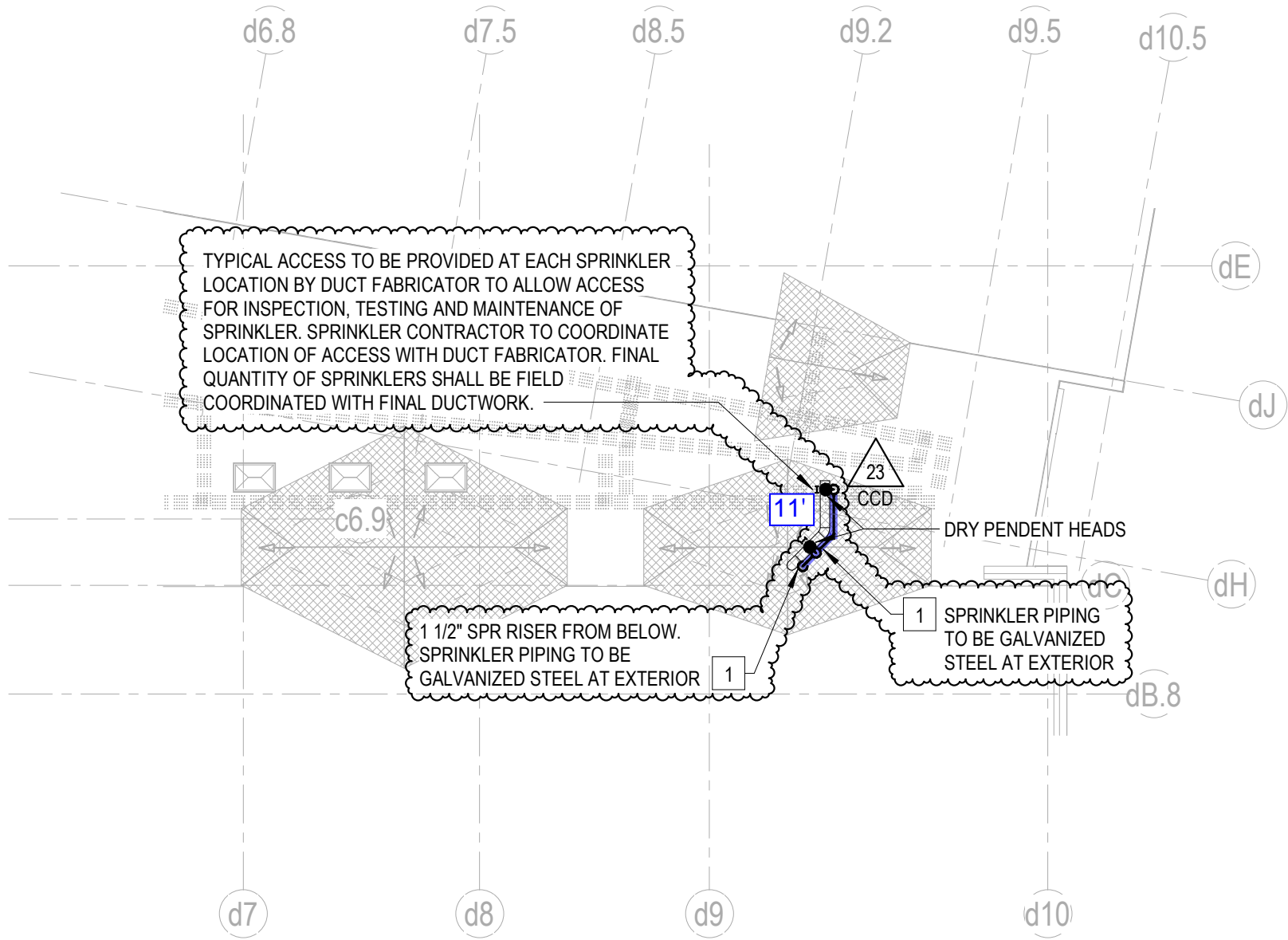
SCALE: 1/8" = 1'-0" DATE: 05/21/21 DRAWN: WAL CHECKED: GC

RECEIVED
05/27/2021

23
CCD

KEY NOTE:

- 1 HEAT TRACE AND INSULATE ALL EXTERIOR PIPING STARTING AT 5TH FLOOR CEILING.



BALA
ENGINEERS
PHILADELPHIA | NEW YORK | BOSTON | BATHURST
ARCHITECTS | ENGINEERS | INTERIORS
TECHNOLOGY | COMMUNITAS

H M F H ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

Arlington High School
FIRE PROTECTION ROOF LEVEL REVISIONS

REF. DWG. FP 2.6 CCD-23

DRAWING NUMBER

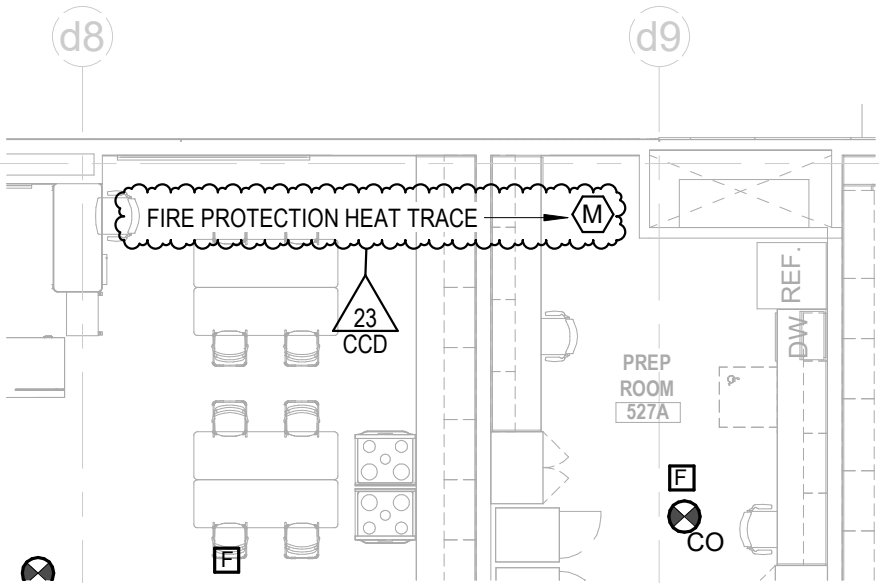
SKFPP
03

JOB NUMBER

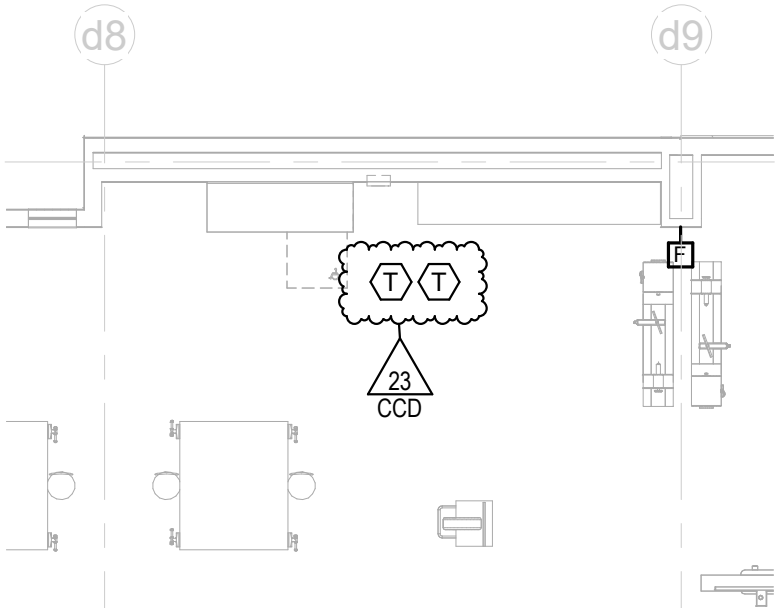
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CCC - CM147.1

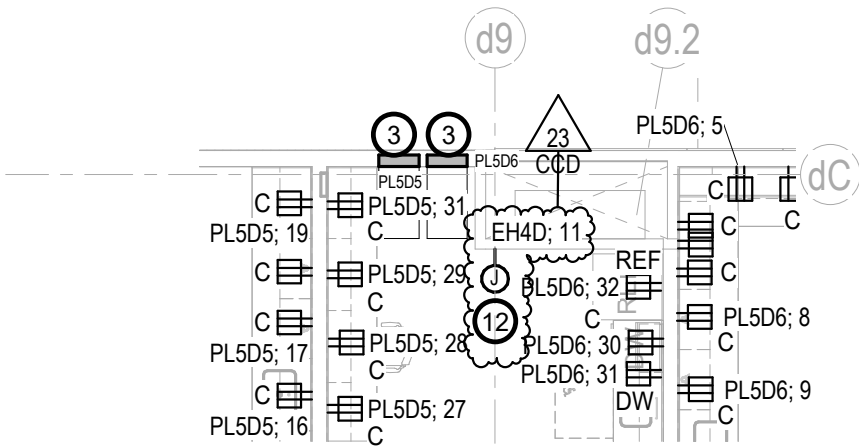
6017442



2 FIRE ALARM FIFTH FLOOR PLAN - PART D CCD 23
1/8" = 1'-0"



1 FIRE ALARM SECOND FLOOR PLAN - PART D CCD 23
1/8" = 1'-0"



3 POWER AND SYSTEMS FIFTH FLOOR PLAN - PART D CCD 23
1/8" = 1'-0"

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05/27/2021

SHEET NOTES (CONTINUED)

11 COMPUTER CHARGER

12 FIRE PROTECTION HEAT TRACE CONTROLLER LOCATION MOUNTED IN ACCESSIBLE CEILING LOCATION.

BALA
ENGINEERS

PHILADELPHIA | NEW YORK | BOSTON | BALTIMORE
PHILADELPHIA: 215.581.1300
NEW YORK: 212.581.1300
BOSTON: 617.581.1300
BALTIMORE: 410.581.1300
WWW.BALAE.COM

HMFH ARCHITECTS

HM
FH

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHArch hmfh.com

CCD 23

REF. DWGS. E2.2d, E8.2d, E2.5d, E8.5d

DRAWING NUMBER

SKE
015

JOB NUMBER 6017442

Arlington High School

FIRE PROTECTION COORDINATION - PART D - SECOND
AND FIFTH FLOORS

SCALE: 1/8" = 1'-0" DATE: 05/26/21 DRAWN: MJB CHECKED: KJA



2153

CCC - CR147.1

PCO #001

Delta Mechanical Contractors, LLC
44 Wilclar Street
Warwick, Rhode Island 02886
Phone: 401-737-3500

Project: 21060 - Arlington High School
869 Massachusetts Avenue
Arlington, Massachusetts 02476

Prime Contract Potential Change Order #001: CCD 23 Duct Sprinklers

TO:	Consigli Construction Co., Inc. 72 Sumner Street Milford, Massachusetts 01757	FROM:	Delta Mechanical Contractors, LLC 44 Wilclar St Warwick, Rhode Island 02886
PCO NUMBER/REVISION:	001 / 0	CONTRACT:	FSC-2153-015 - Arlington High School Prime Contract
REQUEST RECEIVED FROM:		CREATED BY:	Federick P. Lillo III (Delta Mechanical Contractors, LLC)
STATUS:	Pending - In Review	CREATED DATE:	6/23/2021
REFERENCE:		PRIME CONTRACT CHANGE ORDER:	None
FIELD CHANGE:	No		
LOCATION:		ACCOUNTING METHOD:	Amount Based
SCHEDULE IMPACT:		PAID IN FULL:	No
EXECUTED:	No	SIGNED CHANGE ORDER RECEIVED DATE:	
		TOTAL AMOUNT:	\$54,197.45

POTENTIAL CHANGE ORDER TITLE: CCD 23 Duct Sprinklers

CHANGE REASON: GC Request

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*
CE #001 - CCD 23 Sprinklers in Dust Collectors
Add Sprinklers in Duct per CCD 23

~~HEAT TRACING, INSULATION AND FIRE ALARM are NOT included~~

ATTACHMENTS:

CCD 23 Material Backup.pdf

#	Budget Code	Description	Amount
1	20-15-305.S FP - Engineering.Subcontractor	Engineering / Coordination	\$4,200.00
2	20-15-310.M FP - Pipe/Valves/Fittings.Materials	Sprinkler Material	\$20,115.47
3	20-15-310.L FP - Pipe/Valves/Fittings.Labor	Foreman Labor 80 hrs @ 139.09	\$11,127.20
4	20-15-310.L FP - Pipe/Valves/Fittings.Labor	Journeyman Labor 80 hrs @ 133.31	\$10,664.80
5	20-15-710.M Misc. Attachments - FP.Materials	Overhead and Profit 10% mat & 5 / sub	\$2,945.94
6	20-15-710.M Misc. Attachments - FP.Materials	Heat Trace	\$2,244.04
7	20-15-710.M Misc. Attachments - FP.Materials	Insulation	\$2,900.00
Grand Total:			\$54,197.45

Consigli Construction Co., Inc.
72 Sumner Street
Milford, Massachusetts 01757

Delta Mechanical Contractors, LLC
44 Wilclar St
Warwick, Rhode Island 02886

SIGNATURE

DATE

SIGNATURE

DATE

SIGNATURE

DATE

Proposal

VIKING INDUSTRIES, INC.

Commercial - Industrial Insulation
P. O. Box 32
BARRINGTON, RHODE ISLAND 02806
(401) 246-1855
(401) 246-1366 FAX

Proposal submitted to:		Phone	Date
DELTA MECHANICAL			08/18/21
Street		Job Name	
		ARLINGTON HIGH SCHOOL	
City, State And Zip Code		SPRINKLER PIPING	
		ARLINGTON, MA	
Attention:	Date of Plans	Job Phone	
FRED PUCILLO	5/21/21 & 11/30/20		

TO SUPPLY AND INSTALL INSULATION ON THE SYSTEM(S) SPRINKLER
AT THE ABOVE STATED PROJECT. Includes Addenda's N/A

PRICE TO INSULATE SPRINKLER PIPING PER FRED'S EMAIL, ON PAGES
SKFP 03, & FP1.2.4

PRICE TO INSULATE SPRINKLER PIPING ON ROOF, AND TEMPORARY
BRIDGE, PER DRAWINGS SKFP 04 AND FP 1.2.4

PIPE ON ROOF TO HAVE 2" THICK FIBERGLASS PIPE INSULATION,
JACKETED WITH ALUMINUM JACKET
PIPE IN TEMPORARY BRIDGE TO BE INSULATED WITH 1 1/2" FIBERGLASS
PIPE INSULATION, WITH AN ALUMINUM JACKET

BREAKOUT AS FOLLOWS:

BRIDGE WORK:

ROOF WORK:

TOTAL:

*****0

\$2,900.00

*****0

NOTE: This quote is based on material pricing at time of quote and availability when required. For more information please call. Thank You.

We propose here by to furnish material and labor - complete in accordance with above specifications, for the sum of
*****SIX THOUSAND ONE HUNDRED DOLLARS AND 00****

Payment to be made as follow

THIRTY DAYS AFTER BILLING DATE

All Material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration of deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Viking Industries, Inc.

Authorized Signature

Leonard E. Carlson

Leonard E. Carlson, President

We do not guarantee against mold growing.

Note: This proposal may be withdrawn by us if not accepted within Seven (7) Days

Bid subject to reasonable terms and conditions pursuant to a written contract between the parties.

If this quote is used by a Contractor or Subcontractor as part of their quote to win a job, Viking Industries Inc. must be Notified (in writing) of the award within One Working Day so Viking can have time to review the quote and Approve or Withdraw it.

Acceptance of Proposal -The above prices, specifications

and conditions are satisfactory and are hereby accepted. You are authorized to do work as specified. Payment will be made as outlined above

Signature

Signature

Date of Acceptance:

2153

F.W. Webb Company
3 Slater Road
Cranston, RI 02920
TEL# (401-463-3741)
FAX# (401-463-4103)

Date
06/29/21

Quote
Number
72131485
ECC - CR147.1

To:

DELTA MECHANICAL
44 WILCLAR STREET

SAME
44 WILCLAR STREET

WARWICK RI 02886-6917

WARWICK, RI 02886-6917

(401-737-3500) Fax# (401-737-3518)

Cust # 96234 Customer Po# ARLINGTON CCD 23

Rel#

Writer
YH

Date Req
06/29/21

PAGE 1 OF 1

Quoted By: STEVE HARWOOD

Quantity	Description	Net Price	Exten	Ln#	

16	#FLEXIBLE DRY DUCT SPRINKLER + VICVQD (S4121451)	749.900	11998.40	(1)	
2	#FLEXIBLE DRY SRPINKLER HBA + VICVS1 (S4121451)	398.840	797.68	(2)	
231	PIPE LW BLK CS 2-1/2"x21' S40 A53 GRV PIPE IS LW GRV X GRV D/P212LW (445060)	10.256	2369.14	(3)	
169	PIPE BLK CS 2"x21' S40 A53 T&C E 0.154" D/P2BPE (44504)	11.164	1886.77	(4)	
42	PIPE GALV CS 1-1/2"x1' S40 A53 T&C D/P112GTC (45495)	13.737	576.94	(5)	
2	* BFV UL/FM W/TMPR GRV 2-1/2" DI BU VIC705-212SOD (90736)	294.880	589.76	(6)	
6	* ELL FRLCK 90 DEG 2-1/2" 001 DI GRV VIC001-212 (58762)	13.090	78.54	(7)	
2	* ELL FRLCK 90 DEG 2-1/2" 003 DI GRV VIC003-212 (58768)	13.090	26.18	(8)	
24	* CPLG FRLCK 90 DEG 2-1/2" GRV DI ORG 0 VIC009-212 (283905)	15.500	372.00	(9)	
22	* CPLG FRLCK 90 DEG 2" GRV DI ORG 009N VIC009-2 (283904)	13.530	297.66	(10)	
2	VLV 2-1/2" CKG UMC ASSY W/HOS VIC0317809RH (848431)	561.200	1122.40	(11)	
		Sub Total:	20115.47		
		Total:	20115.47		

STEEL PIPE - COPPER TUBE PRICING VALID FOR 2 BUSINESS DAYS
ALL OTHER ITEMS PER BELOW

*** NUMBER OF DAYS QUOTE VALID IS 15 ***

PLEASE REFERENCE QUOTE # 72131485 FOR INQUIRIES OR ORDER OF ABOVE MATERIAL

+ THIS PRODUCT IS A SPECIAL ITEM. RESTOCKING FEES MAY APPLY.



2153

EMERSON SWAN*A Swan Group Company*300 POND STREET RANDOLPH, MA 02368
PHONE 781-986-2555 FAX 781-986-2027To: FRED PUCILLO
DELTA MECHANICALWARWICK, RI
F.PUCILLO@DELTAMECHLLC.COMAPPLIED PRODUCTS QUOTE CCC - CR147.1

QUOTE NUMBER	REVISION DATE	DUE DATE
2021-234169-1	7/15/2021	11/9/2020
JOB AND LOCATION		
ARLINGTON HIGH SCHOOL		
ARLINGTON, MA		
PREPARED BY	ENGINEER	
DAN KELLEY	BALA CONSULTING ENGINEERS, INC.	
LEAD TIME	TERMS	FREIGHT
	NET 30*	PC

FIRE PROTECTION CABLE

NVENT THERMAL LLC (PENTAIR RAYCHEM)

QTY	DESCRIPTION	UNIT PRICE	EXT. PRICE
50	5XL2-CR 208-277V HEAT CABLE 5X1/2S/FT	\$8.42	\$421.00
1	RAYCLIC-PC RAYCLIC POWER KIT END SEAL	\$98.31	\$98.31
1	465 CONTROLLER FIRE PROTECTION CONTROLLER	\$1,205.57	\$1,205.57
1	GT-66 GLASS TAPE 66FT/ROLL	\$9.26	\$9.26
5	ETL LABEL, ELECTRIC TAPES	\$1.98	\$9.90
OPTIONAL			
1	START UP/TRAINING	\$500.00	\$500.00
<p>** 3% PRICE INCREASE SCHEDULED FOR SEPTEMBER 1ST 2021</p> <p>NOTE: ALL RAYCHEM JOB QUOTES REFLECT EITHER INDIVIDUAL UNIT PRICING OR ESTIMATED QUANTITY PRICING DEPENDING ON THE BEST AVAILABLE INFORMATION AVAILABLE ON THE PROJECT. AT NO TIME SHOULD THIS QUOTATION BE CONSIDERED A 'NOT TO EXCEED' OR GUARANTEED MAXIMUM PROPOSAL. WE WILL WORK WITH EVERY CUSTOMER TO PROVIDE THE MOST DETAILED TAKEOFF AND DESIGN LAYOUTS POSSIBLE FOR THIS PROJECT AFTER RECEIPT OF A PURCHASE ORDER COMMITTING TO THE PROJECT.</p> <p>***** ALL CABLES MUST BE PURCHASED IN 25 FT INCREMENTS *****</p>			
TOTAL			\$2,244.04

PLEASE NOTE: ANY PO PLACED THAT IS EXEMPT FROM TAX MUST INCLUDE THE TAX EXEMPT CERTIFICATE AT TIME OF ORDER

PLEASE REFERENCE OUR QUOTE NUMBER ON ALL CORRESPONDENCES.

SELLER SHALL NOT BE LIABLE IF MATERIAL QUOTED IS NOT APPROVED, NOR FOR QUANTITIES OTHER THAN LISTED ABOVE. PRICES DO NOT INCLUDE ANY TAXES.

ALL PRICES ARE SUBJECT TO REVIEW THIRTY (30) DAYS FROM DATE OF QUOTE.

*TERMS CONDITIONAL UPON CREDIT APPROVAL

DELTA MECHANICAL CONTRACTORS LLC
 RATE SHEETS
 SPRINKLERFITTER - LOCAL 550
 MASTER SHEET

FROM	3/1/2021	3/1/2021	3/1/2021
TO	9/15/2021	9/15/2021	9/15/2021
JOURNEYMAN	STRAIGHT WAGE	OVERTIME WAGE	DOUBLE TIME WAGE
BASE RATE	\$62.45	\$93.68	\$124.90
HEALTH & DENTAL INSURANCE	\$10.00	\$10.00	\$10.00
RETIREMENT PLANS	\$21.25	\$21.25	\$21.25
TRAINING FUND (APPRENTICE FUND)	\$1.06	\$1.06	\$1.06
LABOR MANAGEMENT COOP TRUST	\$0.10	\$0.10	\$0.10
INDUSTRY IMPROVEMENT FUND	\$0.35	\$0.35	\$0.35
	<u>\$32.76</u>	<u>\$32.76</u>	<u>\$32.76</u>
	\$95.21	\$126.44	\$157.66
SHIFT PREMIUM	0.00%	\$0.00	\$0.00
SHIFT PAY COST		<u>\$95.21</u>	<u>\$126.44</u>
			<u>\$157.66</u>
FICA	\$4.78	\$7.17	\$9.55
SUTA	\$6.43	\$9.65	\$12.86
FUTA	\$0.94	\$1.41	\$1.87
WORKERS COMPENSATION	\$3.49	\$5.24	\$6.98
GENERAL LIABILITY	\$3.99	\$5.99	\$7.98
VACATION / HOLIDAY / SICK	\$1.35	\$1.35	\$1.35
AUTO, UMBRELLA, PROPERTY INS ETC			
INCIDENTALS - TOOLS, EXPENDABLES			
TRAVEL EXPENSE	\$5.00	\$5.00	\$5.00
	<u>\$25.98</u>	<u>\$35.79</u>	<u>\$45.61</u>
	\$121.19	\$162.23	\$203.27
OVERHEAD AND PROFIT	10.00%	\$12.12	\$20.33
	<u>\$133.31</u>	<u>\$178.45</u>	<u>\$223.59</u>
BOND	0.00%	\$0.00	\$0.00
	<u>\$133.31</u>	<u>\$178.45</u>	<u>\$223.59</u>
FOREMAN (1-6 FITTERS)	STRAIGHT WAGE	OVERTIME WAGE	DOUBLE TIME WAGE

BASE RATE		\$66.45	\$99.68	\$132.90
HEALTH & DENTAL INSURANCE		\$10.00	\$10.00	\$10.00
RETIREMENT PLANS		\$21.25	\$21.25	\$21.25
TRAINING FUND (APPRENTICE FUND)		\$1.06	\$1.06	\$1.06
LABOR MANAGEMENT COOP TRUST		\$0.10	\$0.10	\$0.10
INDUSTRY IMPROVEMENT FUND		\$0.35	\$0.35	\$0.35
		<u>\$32.76</u>	<u>\$32.76</u>	<u>\$32.76</u>
		\$99.21	\$132.44	\$165.66
SHIFT PREMIUM	0.00%	\$0.00	\$0.00	\$0.00
SHIFT PAY COST		<u>\$99.21</u>	<u>\$132.44</u>	<u>\$165.66</u>
FICA		\$5.08	\$7.63	\$10.17
SUTA		\$6.84	\$10.27	\$13.69
FUTA		\$1.00	\$1.50	\$1.99
WORKERS COMPENSATION		\$3.71	\$5.57	\$7.43
GENERAL LIABILITY		\$4.25	\$6.37	\$8.49
VACATION / HOLIDAY		\$1.35	\$1.35	\$1.35
AUTO, UMBRELLA, PROPERTY INS ETC				
INCIDENTALS - TOOLS, EXPENDABLES				
TRAVEL EXPENSE		\$5.00	\$5.00	\$5.00
		<u>\$27.24</u>	<u>\$37.68</u>	<u>\$48.12</u>
		\$126.45	\$170.11	\$213.78
OVERHEAD AND PROFIT	10.00%	\$12.64	\$17.01	\$21.38
		<u>\$139.09</u>	<u>\$187.12</u>	<u>\$235.16</u>
BOND	0.00%	\$0.00	\$0.00	\$0.00
		<u>\$139.09</u>	<u>\$187.12</u>	<u>\$235.16</u>

Construction Change Directive (CCD)

CCC - CR147.1

NO:

023

Date of Issuance:

May 27, 2021

Project:	Arlington High School	Contract For:	New Construction
Address:	869 Massachusetts Avenue, Arlington, MA 02476	Contract Date:	June 26, 2019
Owner:	Town of Arlington		
Address:	730 Massachusetts Avenue, Arlington, MA 02476	Project ID:	408417
From:	HMFH Architects, Inc	To:	Consigli Construction Co., Inc
Address:	130 Bishop Allen Drive, Cambridge, MA 02139	Address:	Milford, MA

You are hereby directed to make the following change(s) in this Contract:

Addition of Sprinkler protection in dust collector and spray booth duct system. Associated electrical changes for heat trace. Deletion of dry-head system at floor overhang.

PROPOSED ADJUSTMENTS:

1. The proposed basis of adjustment to the Contract Sum or Guaranteed Maximum Price is:

- ☒ Lump Sum increase of \$ TBD
- ☐ Unit Price of \$ per
- ☐ On a Time & Materials Basis
- ☐ As follows:

2. The Contract Time shall **BE UNCHANGED**. Such an adjustment, if any, shall be 0 days from the date of Substantial Completion.

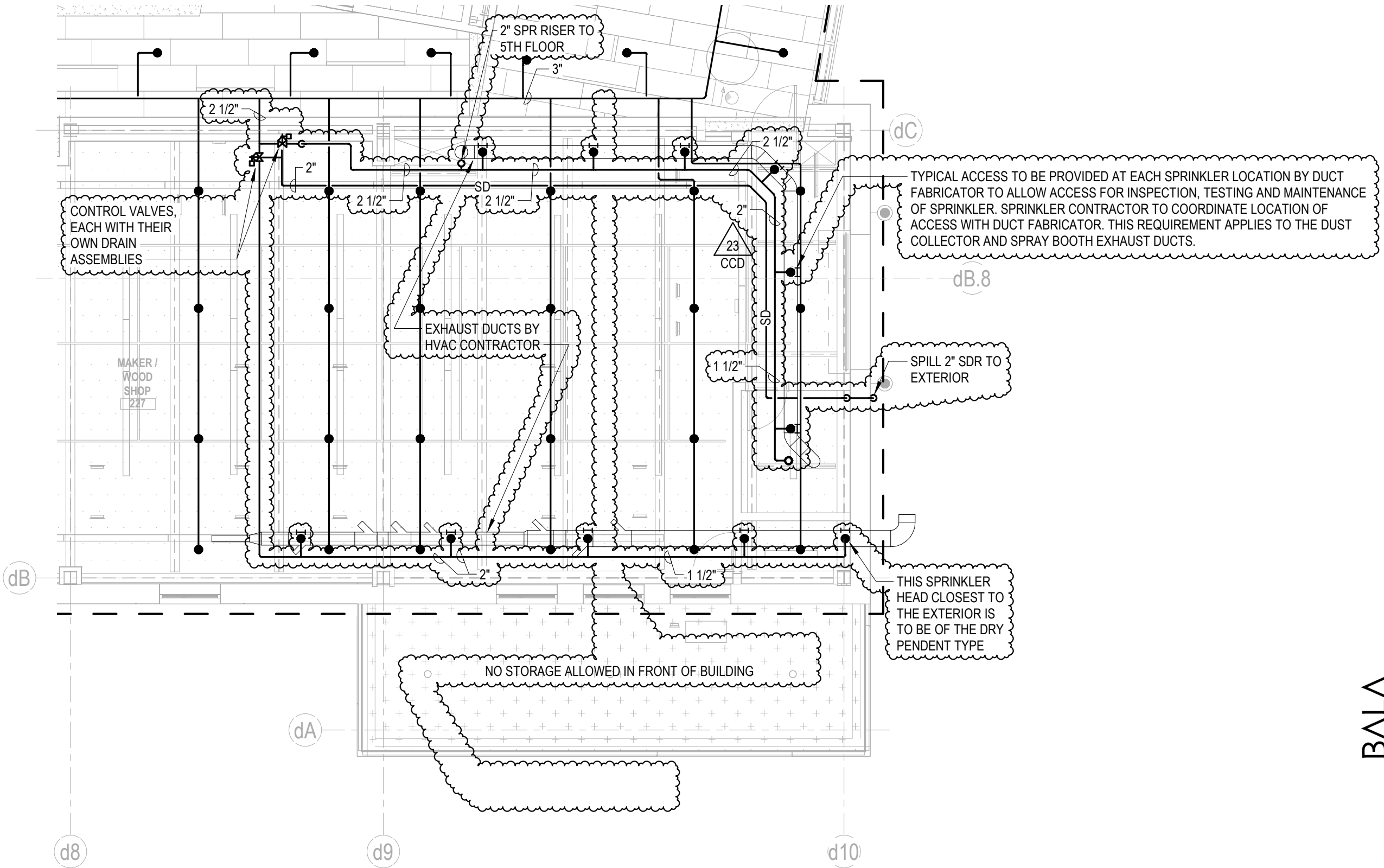
When signed by the Owner and Architect and received by the Contractor, this document becomes effective IMMEDIATELY as a Construction Change Directive (CCD), and the Contractor shall proceed with the change(s) described above.			Contractor signature indicates agreement with the proposed adjustments in Contract Sum and Contract Time set forth in this CCD.
HMFH Architects	Town of Arlington	Consigli Construction Co., Inc.	
ARCHITECT	Owner	Contractor	
130 Bishop Allen Drive	730 Massachusetts Avenue	72 Summer Street	
Cambridge, MA	Arlington, MA	Milford, MA	
ADDRESS	ADDRESS	ADDRESS	
BY (Signature)	BY (Signature)	BY (Signature)	
Arthur Duffy			
(Typed Name)	(Typed Name)	(Typed Name)	
DATE	DATE	DATE	

Attachments:	Sketches SKFP-01, SKFP-02, SKFP-03, SKE-015		
distribution:	<input checked="" type="checkbox"/> Owner – Adam Chapdelaine	<input checked="" type="checkbox"/> Architect – Arthur Duffy, Lori Cowles	
	<input checked="" type="checkbox"/> OPM – J Burrows, Sy Nguyen, H. Raymond	<input checked="" type="checkbox"/> Contractor – J. LaMarre, C. Weber, D. Dockendorf	
	<input checked="" type="checkbox"/> Consultant – Bala	<input checked="" type="checkbox"/> Field – C. McWilliams, D. Rockwood	

SCOPE NOTES:

1. REFER TO DRAWING FP2.4d FOR TYPICAL SPRINKLER BRANCH SIZES FOR BUILDING D.
2. PROVIDE SPRINKLER COVERAGE IN ALL NEW DUST COLLECTION & SPRAY BOOTH EXHAUST DUCTWORK 10 INCH IN DIAMETER OR LARGER. SPRINKLERS ARE TO ALL BE OF THE HIGH TEMPERATURE TYPE.

23
CCD



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ARCHITECTS | ENGINEERS | INTERIORS
TECHNOLOGY | COMMUNITAS

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

HM FH

Arlington High School

FIRE PROTECTION LEVEL 2 AREA D REVISIONS

REF. DWG. FP 2.2d CCD-23

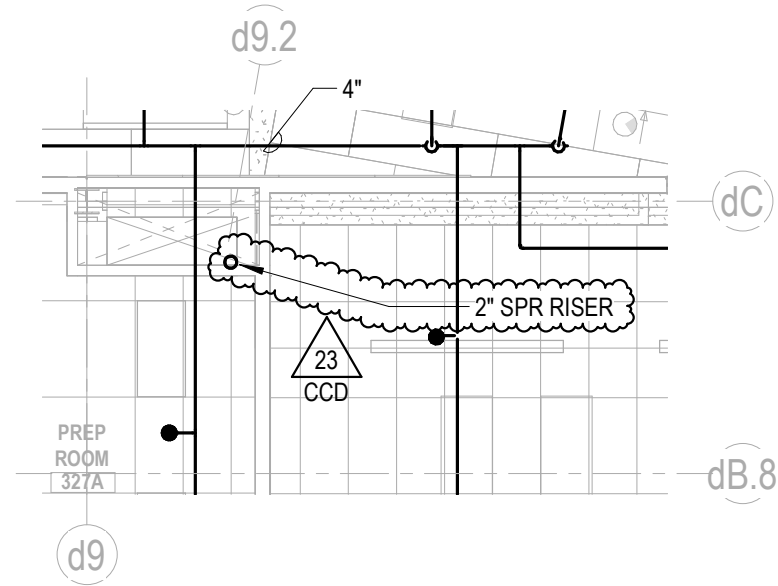
DRAWING NUMBER

SKFP 01

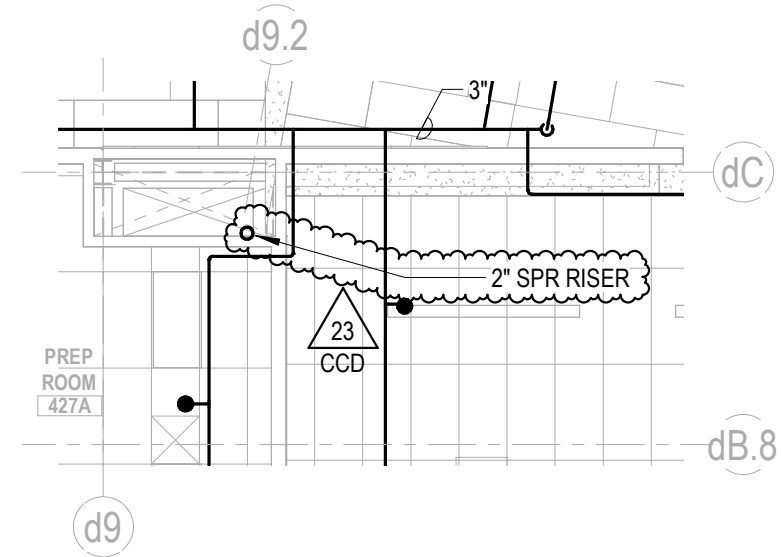
JOB NUMBER

SCALE: 1/8" = 1'-0" DATE: 05/21/21 DRAWN: WAL CHECKED: GC

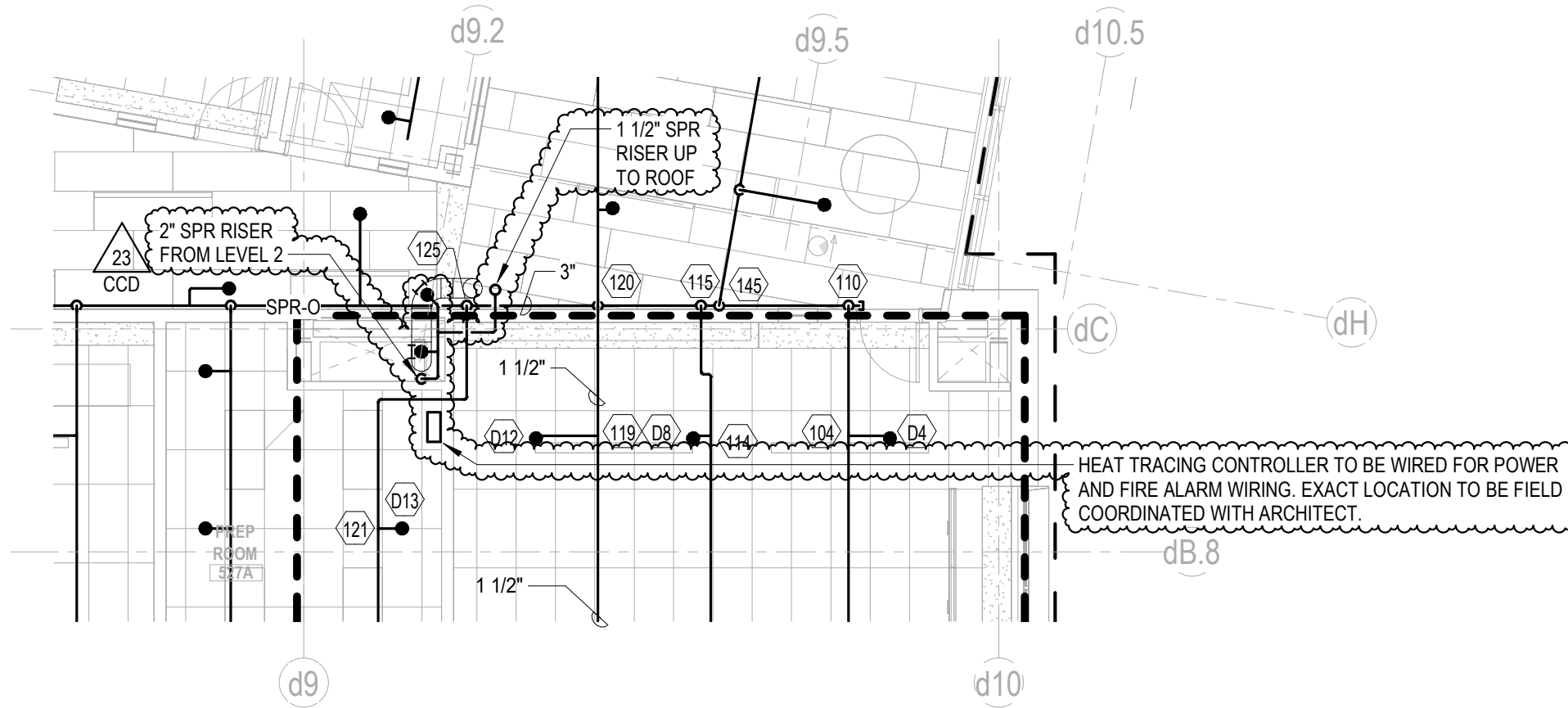
CCC - CH147.1



1 FIRE PROTECTION LEVEL 3 AREA D
1/8" = 1'-0"



② FIRE PROTECTION LEVEL 4 AREA D
1/8" = 1'-0"



3 FIRE PROTECTION LEVEL 5 AREA D
1/8" = 1'-0"

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MACHINICAL | ELECTRICAL | PLUMBING | FIRE PROTECTION
STRUCTURAL | TECHNOLOGY | COMMISSIONING

HMFH ARCHITECTS

HM FH
130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

REF. DWG. FP 2.3d, FP 2.4d, & FP 2.5d CCD-23

Arlington High School
FIRE PROTECTION AREA D REVISIONS

CCC - CP147.1

DRAWING NUMBER

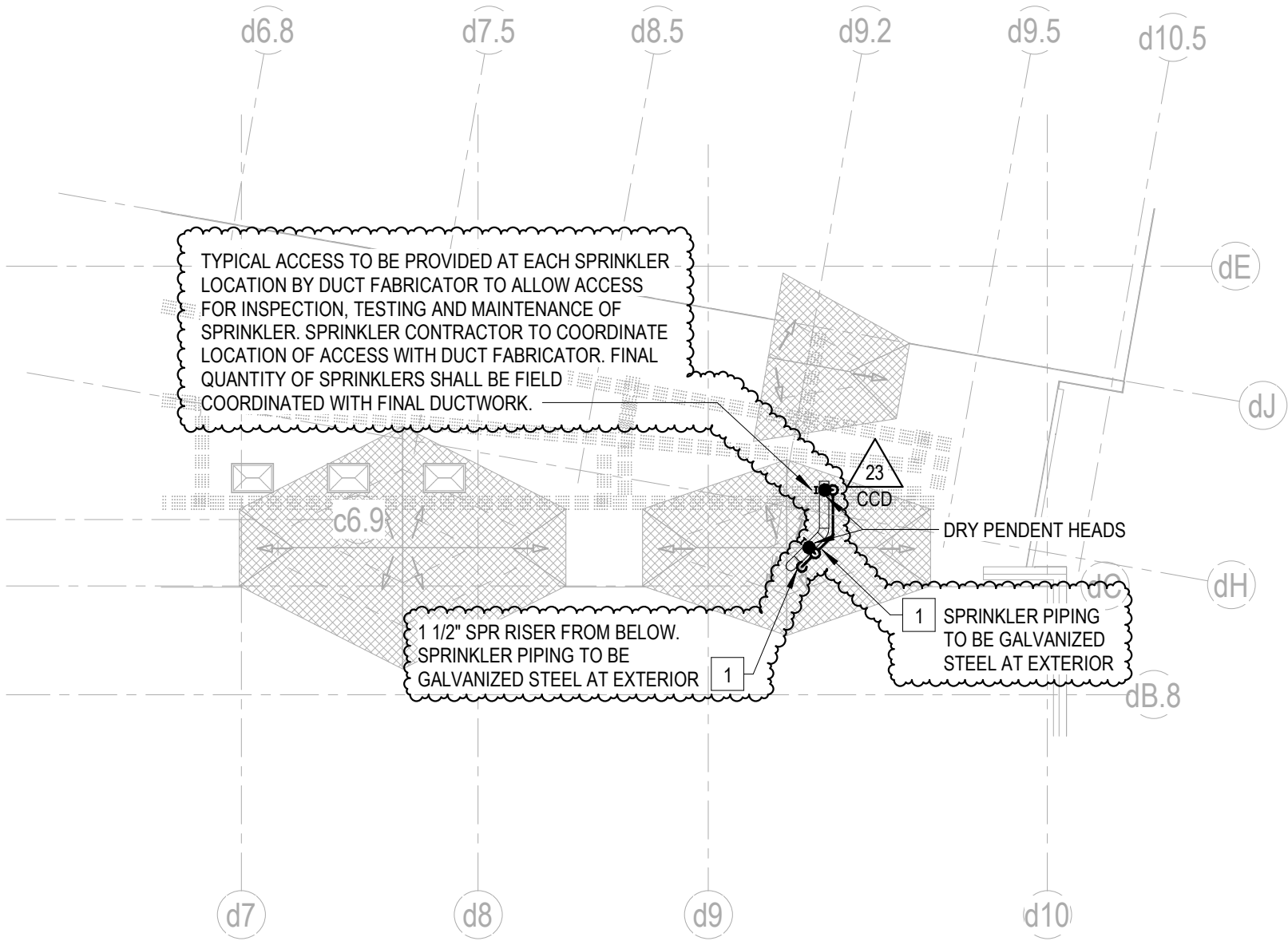
SKFP

02

JOB NUMBER

6017442

SCALE: 1/8" = 1'-0" DATE: 05/21/21 DRAWN: WAL CHECKED: GC



23
CCD

KEY NOTE:

- 1 HEAT TRACE AND INSULATE ALL EXTERIOR PIPING STARTING AT 5TH FLOOR CEILING.

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ARCHITECTS | ENGINEERS | INTERIORS
STRUCTURAL | MECHANICAL | ELECTRICAL

BALA CONSULTING ENGINEERS, INC.
57 TEMPLE PLACE
BOSTON, MA 02111-1308
TEL: 617.552.4200 FAX: 617.552.5188
WWW.BALA.COM

H M F H ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

**H M
F H**

Arlington High School

FIRE PROTECTION ROOF LEVEL REVISIONS

REF. DWG. FP 2.6 CCD-23

DRAWING NUMBER

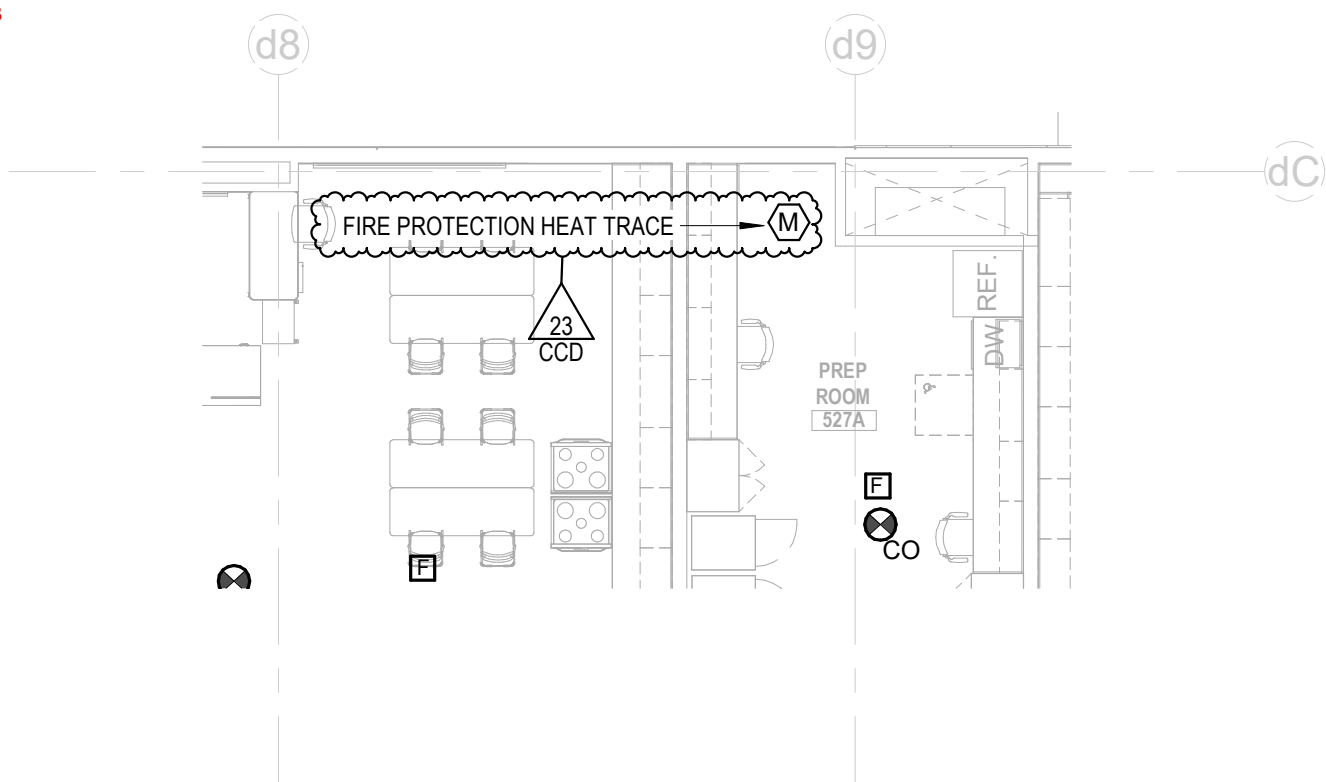
**SKFP
03**

JOB NUMBER

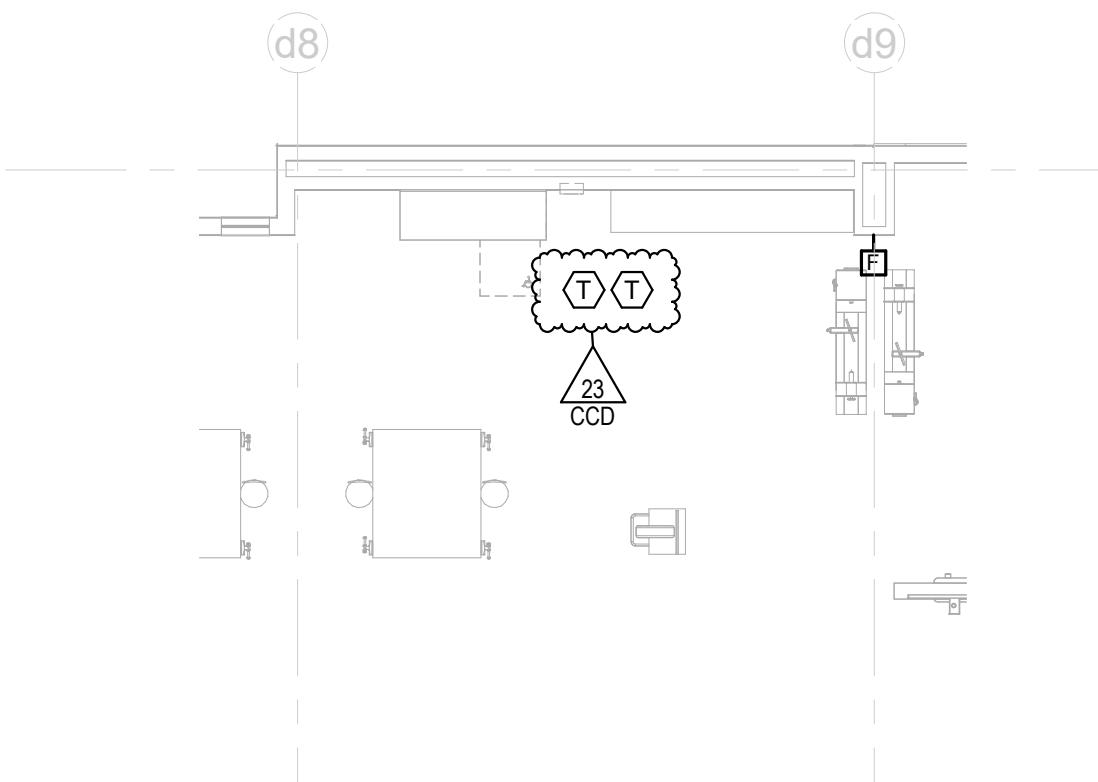
6017442

CCC - CM147.1

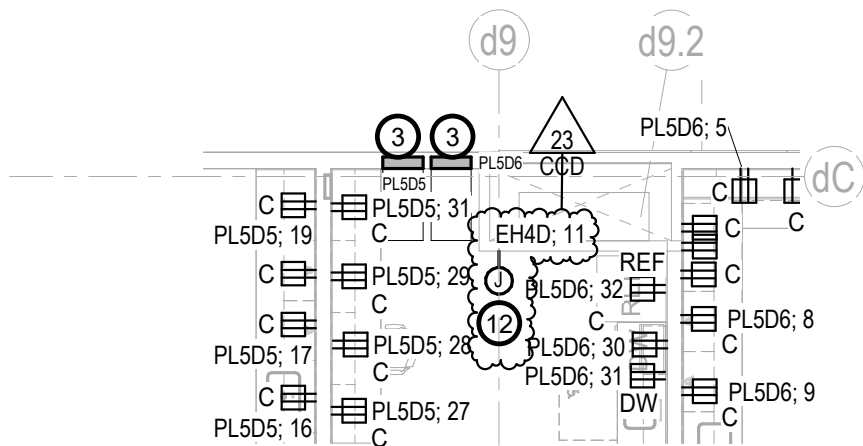
SCALE: 1/16" = 1'-0" DATE: 05/21/21 DRAWN: WAL CHECKED: GC



2 FIRE ALARM FIFTH FLOOR PLAN - PART D CCD 23
1/8" = 1'-0"



1 FIRE ALARM SECOND FLOOR PLAN - PART D CCD 23
1/8" = 1'-0"



3 POWER AND SYSTEMS FIFTH FLOOR PLAN - PART D CCD 23
1/8" = 1'-0"

SHEET NOTES (CONTINUED)

11 COMPUTER CHARGER



12 FIRE PROTECTION HEAT TRACE CONTROLLER LOCATION MOUNTED IN ACCESSIBLE CEILING LOCATION.

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PHILADELPHIA: 215.581.1300
NEW YORK: 212.512.1300
BOSTON: 617.581.1300
BALTIMORE: 410.581.1300
WWW.BALA.COM

HMFH ARCHITECTS

H M
F H

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

CCD 23

REF. DWGS. E2.2d, E8.2d, E2.5d, E8.5d

DRAWING NUMBER

SKE
015

JOB NUMBER 6017442

Arlington High School

FIRE PROTECTION COORDINATION - PART D - SECOND
AND FIFTH FLOORS

SCALE: 1/8" = 1'-0" DATE: 05/26/21 DRAWN: MJB CHECKED: KJA



Change Request

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR243A
Date: 2/7/22
Job: 2153 Arlington High School
Phone:

Description: Provisions for Utilizing Permanent Heat via Temp Power Service due to Evers - Ph. 1 (Sub Costs Only)

Source: Other

We offer the following specifications and pricing to make the changes as described below:

*CR243A has been revised to include subcontractor costs only associated with CR243. GR costs associated with temporary equipment, fuel, etc. are captured under separate cover (CR243).

CR243 includes costs associated with utilizing permanent heating systems/equipment with temporary power provisions and alternative measures to provide power & heat in phase 1 buildings D&E due to Eversource permanent power not being provided until 11/19/21. Below is a summary of temporary provisions provided, as well as alternative measures performed prior to 11/19/21 to maintain construction schedule:

- Rental 350KVA Diesel Generators
- Diesel Fuel Costs for Generator and Temp Heaters
- Riggs (General Requirements) Diesel Heater Rental + Hoses
- WJGEI (Electrical):
 - o Install Temp power feed for HWP/CHWP to allow HVAC Contractor to energize and flush heating system
 - o Install temp feed to boiler pump for flushing of heating system
 - o Install branch power connections for (2) Temp Heaters
 - o Power to open fire smoke dampers for mechanical unit start up
- PJ Kennedy (HVAC):
 - o Rigging Eversource Transformers into place for Eversource
 - o Install temp electrical water heater to serve radiant slab heating system

Please see attached pricing and associated backup for additional information.

Assumptions & Qualifications:

- Costs associated with Overtime/Acceleration are not included
- Costs associated with temporary provisions after permanent power (11/19/21) in place due to supply chain issues are not included and will be submitted under separate cover (CR243.1)
- CCC has proceeded with this scope of work in order to maintain project schedule.

Description	Labor	Material	Equipment	Subcontract	Other	Price
WJGEI - Proposal #58 dated 10/25/21				\$2,420.40		\$2,420.40
WJGEI - Proposal #73 dated 11/19/21				\$4,162.87		\$4,162.87
WJGEI - Proposal #72 dated 11/19/21				\$5,069.64		\$5,069.64
WJGEI - Proposal #76 dated 11/29/21				\$10,300.43		\$10,300.43
WJGEI - Proposal #93 dated 12/30/21				\$3,590.48		\$3,590.48
PJ Kennedy - PCO#019 dated 10/27/21				\$1,339.80		\$1,339.80
PJ Kennedy - PCO#025 dated 1/7/22				\$14,710.01		\$14,710.01
					Subtotal:	\$41,593.63
			Bond (.75%)	\$41,593.63		\$311.95
			General Liability (1.2%)	\$41,593.63		\$499.12
			Subguard (1.4%)	\$41,593.63		\$0.00
			OH&P (5% subs, 10% self perform)	\$42,404.70		\$2,120.24



Change Request

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR243A
Date: 2/7/22
Job: 2153 Arlington High School
Phone:

Total: \$44,524.94

- ☐ SCHEDULE IMPACT
☒ We have proceeded with this change to achieve schedule.
☐ As directed, we will not proceed with this change until formal direction from OWNER is received.

ARCHITECT

Consigli Construction Co., Inc.

CONTRACTOR
72 Sumner Street
Milford, MA 01757

OWNER

(Signature)

Arthur Duffy

By

02/14/2022

Date

(Signature)

John LaMarre

By

2/7/22

Date

(Signature)

Jim Burrows

By

2/15/2022

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

72 Sumner Street, Milford MA 01757 • phone: 508-473-2580 • fax: 508-473-3588 • web: www.consigli.com
 Hartford CT • Washington DC • Portland ME • Boston MA • Milford MA • Albany NY • New York NY • Pleasant Valley NY • Ronkonkoma NY

Weber, Chris

From: LaMarre, John
Sent: Friday, November 12, 2021 3:55 PM
To: Jim Burrows
Cc: Arthur Duffy; Nguyen, Sy; Weber, Chris; Dockendorf, David; McWilliams, Chuck; DeRosa, Thomas; Jensen, Michael; Samya, Kevin
Subject: FW: ArlHS - Equipment Factory Startup Delay due to Permanent Power





Jim,
Today, 11/12, was the most recent revised "dead line" date for Eversource to provide permanent power to the project. That did not occur. Stating the obvious without power the schedule and project costs are being impacted and the work arounds currently in place, use of temporary heaters, generators and utilizing the temporary power transformer these sources will need to be increased to reduce the impact to the follow on work for e.g. scheduling of equipment startups performed by factory technicians, HVAC balancing, etc.,.

We will pursue the availability of the trailer size temporary generator we had on reserve and make arrangements to have it delivered to the site, this is based on that Eversource cannot commitment to a date when power will be available.

In early December a determination will have to be made if the school can be opened as planned, February vacation.

Sincerely,






John LaMarre
Senior Project Manager
m: 617.293.5296
    consigli.com

From: Samya, Kevin
Sent: Friday, November 12, 2021 2:09 PM
To: Jensen, Michael <MJensen@consigli.com>; Weber, Chris <cweber@consigli.com>; Dockendorf, David <ddockendorf@consigli.com>; LaMarre, John <JLaMarre@consigli.com>; McWilliams, Chuck <cmcwilliams@consigli.com>; DeRosa, Thomas <tderosa@consigli.com>; Condon, Patrick <PCondon@consigli.com>; Saunders, Mason <mrsaunders@consigli.com>; Mynter, Brandon <bmynter@consigli.com>
Cc: Martino, Scott <smartino@consigli.com>
Subject: RE: ArlHS - Equipment Factory Startup Delay due to Permanent Power

Just spoke to Bill at PJK and he has a new tentative date/confirmation for 11/22. He has that as a place holder for now, but I need to keep him posted early next week on whether or not we will have power. Apparently Eversource dropped off a spool of wire today without a crew, fingers crossed for next week.



Kevin Samya
Assistant M/E/P Manager
 m: 508.244.1698
    consigli.com

From: Jensen, Michael

Sent: Friday, November 12, 2021 8:07 AM

To: Samya, Kevin <ksamya@consigli.com>; Weber, Chris <cweber@consigli.com>; Dockendorf, David <ddockendorf@consigli.com>; LaMarre, John <JLaMarre@consigli.com>; McWilliams, Chuck <cmcwilliams@consigli.com>; DeRosa, Thomas <tderosa@consigli.com>; Condon, Patrick <PCondon@consigli.com>; Saunders, Mason <msaunders@consigli.com>; Mynter, Brandon <bmynter@consigli.com>

Cc: Martino, Scott <smartino@consigli.com>

Subject: RE: ArlHS - Equipment Factory Startup Delay due to Permanent Power

Kevin,

They had two weeks as you state below which had to have included Thanksgiving anyhow. Lets keep their original "second" week as the new "first" week.

We should still be able to get most of the week through thanksgiving. Should only loose Thursday maybe some Friday.



Michael Jensen
M/E/P Manager
 m: 774.278.0117
    consigli.com

From: Samya, Kevin <ksamya@consigli.com>

Sent: Friday, November 12, 2021 8:00 AM

To: Weber, Chris <cweber@consigli.com>; Dockendorf, David <ddockendorf@consigli.com>; LaMarre, John <JLaMarre@consigli.com>; McWilliams, Chuck <cmcwilliams@consigli.com>; DeRosa, Thomas <tderosa@consigli.com>; Condon, Patrick <PCondon@consigli.com>; Saunders, Mason <msaunders@consigli.com>; Mynter, Brandon <bmynter@consigli.com>

Cc: Martino, Scott <smartino@consigli.com>; Jensen, Michael <MJensen@consigli.com>

Subject: ArlHS - Equipment Factory Startup Delay due to Permanent Power

All,




Due to Eversource not being onsite this week to provide Permanent Power we had to re-schedule the Factory Equipment Startup for the rooftop equipment. We anticipated permanent power being available today, and as of right now the earliest we will have power is EOD Tuesday (11/16) assuming Eversource is onsite Monday (11/15). Eversource will need at least (2) working days to complete the work and get (1) transformer energized.

That being said, PJ Kennedy had to cancel the (2) scheduled startup dates for next week that were scheduled for (11/15) and (11/17) for HRU-4 (South Side of Building D Levels 2 to 5), HRU-5 (North Side of Building D Levels 2 to 5), and ACHP-1/ACHP-2 (Hot and Chilled Water for Building D and E). We have been in contact with PJ Kennedy proposing week of 11/22, but with Thanksgiving that week it is unlikely at this time. PJ Kennedy is going to confirm whether or not that is a possibility, and I will keep everyone posted. The factory reps need a minimal of 2-weeks notice to accommodate the request. The earliest I anticipate the roof top equipment being started up is the week of (11/29).

Let me know if you have any questions.

Regards,



Kevin Samya
Assistant M/E/P Manager
m: 508.244.1698
    consigli.com

Weber, Chris

From: Dockendorf, David
Sent: Tuesday, September 21, 2021 2:24 PM
To: Jim Burrows
Cc: Nguyen, Sy; Arthur Duffy; Lori Cowles; LaMarre, John; McWilliams, Chuck; Weber, Chris; Samya, Kevin; Martino, Scott; DeRosa, Thomas
Subject: ArLHS - Permanent Heat used in a temp manner ROM NOC
Attachments: Permanent Heating System Via Temporary Sources Fall 2021 (9-9-21).pdf

Jim,
 We have always been planning on utilizing the permanent heating systems for heat during construction use during the fall/winter. The permanent power had been planned on being available for this plan to work.

Since this power source is not available, we have reviewed options for alternate measures to provide power & heat. The current option we are purposing is to utilize (2) 350kW generators and (1) trailer boiler with steam heat exchanger and temporarily tie into the permanent systems within the building (Air terminal unit's, refrigerant FCU's, and associated equipment).

Implementing this plan would require the following detailed scope:

- Single time costs:
 - Labor/material to install temp measures (piping/wiring, etc.) and removal \$33,000 (single time cost)
- Monthly costs:
 - (2) 350kW generators (\$15,000/month each) = \$30,000/month
 - (1) trailer boiler with steam heat exchange \$15,000/month
 - Fuel consumption per month (approximated, depending on load) \$4,500/month

ROM

Summary: First month costs = \$82,500
 Second month (and each month after) costs = \$49,500/month

We've attached our detailed plan. If any questions arise, we can discuss further.

Thanks,
 Dave



David Dockendorf, LEED AP, CM-Lean
Project Manager
 t: 774-217-0575 | m: 774-217-0575
 consigli.com



INVOICE

116 Hopping Brook Road, Holliston, MA 01746
(508) 429-8830 FAX (508) 429-9251
MA LIC. A8999, 4536A1

MR. CHRIS WEBER
Sold To: CONSIGLI CONSTRUCTION COMPANY, INC.
72 SUMNER STREET
MILFORD, MA 01757

Work Done At: ARLINGTON HIGH SCHOOL
869 MASS AVENUE
ARLINGTON, MA 02476

JOB NO. 02698-00-20	PO Nbr	Terms Net 30 Days	PLEASE REMIT BY INVOICE NUMBER	P0058	Invoice Date 10/25/2021
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DESCRIPTION OF WORK:

RE: Job#2698- Arlington High School
Proposal#P0058

Provide labor services and materials to install temporary power feed for HWP 1, 2 and CHW-1, to allow HVAC contractor to energize and flush out the heating system.

INVOICE TOTAL

2,420.40



Terms: Net 30 Days with 1.5% Interest on all Unpaid Balance over 30 days



**WAYNE J.
GRIFFIN ELECTRIC
INC.**

October 25, 2021

VIA EMAIL ONLY: cweber@consigli.com

Mr. Chris Weber, Project Manager
Consigli Construction Company, Inc.
72 Sumner Street
Milford, MA 01757

RE: Job #2698 - Arlington High School, Arlington, MA
Proposal #58

Dear Mr. Weber:

In accordance with the field change order signed by your authorized representative Thomas DeRosa, the contract should be modified to include the following revision per our enclosed detailed backup:

DESCRIPTION OF WORK:

Provide labor services and materials to install temporary power feed for HWP 1, 2 and CHW-1, to allow HVAC contractor to energize and flush out the heating system.

The material pricing enclosed is based on industry recognized standardized unit rates obtained from R.S. Means, as agreed to for your review, approval and acceptance. The labor hours are as signed for and acknowledged by your on-site representative.

Total \$ 2,420.40 ✓

Please issue a written change order as the work above has been completed. The value included in this field change order does not include any amounts for changes in the sequence of work, disruptions, interference and/or impacts, and the right is expressly reserved to recover any and all of these related items prior to any final settlement of this contract. The working relationship between your company and ours shall be in accordance with our mutually agreed to contract form.

Corporate Headquarters:

116 Hopping Brook Road
Holliston, MA 01746
Phone: (508) 429-8830
Fax: (508) 429-7825

Regional Offices:

296 Cahaba Valley Parkway
Pelham, AL 35124
Phone: (205) 733-8848
Fax: (205) 733-8107

1950 Evergreen Boulevard
Suite 300
Duluth, GA 30096
Phone: (678) 417-9377
Fax: (678) 417-9373

2310 Presidential Drive
Suite 101
Durham, NC 27703
Phone: (919) 627-9724
Fax: (919) 627-9727

9801-C Southern Pine Boulevard
Charlotte, NC 28273
Phone: (704) 522-3851
Fax: (704) 522-3856

If you have any questions regarding the above, please do not hesitate to contact me at (508) 306-5313 or wpease@wjgei.com.

Very truly yours,

WAYNE J. GRIFFIN ELECTRIC, INC.



Wayne A. Pease
Senior Project Manager

WP/hat

ACKNOWLEDGMENT: The contract modifications stated for the above field change are acceptable for the work already performed. The value of the work completed to the date of the next requisition may be billed on that requisition.

Date: _____ Authorized Signature: _____

cc: John LaMarre, Senior Project Manager, Consigli Construction Company, Inc.,
JLaMarre@consigli.com
George Gray, Project Engineer, Wayne J. Griffin Electric, Inc.
Jeremiah Kimball, Project Foreman, Wayne J. Griffin Electric, Inc.



CCN#: P-0058, Temp Power for Heating System
Date: 10/15/2021
Project Name: Arlington High School
Project Number: 02698-00-20
Page Number: 1

116 Hopping Brook Road, Holliston, MA 01746
 (508) 429-8830 FAX (508) 429-9251

Work Description

Provide labor services and materials to install temporary power feed for HWP 1, 2 and CHW-1, to allow HVAC contractor to energize and flush out the heating system.

Itemized Breakdown

Description	Qty	Net Price	UM	Materials (\$)	Labor	Total Hours
Labor 10/2/21	1.00	0.0000	E	0.000	8.000	8.000
30A 3P 480V Circuit Breaker	3.00	175.5000	E	526.500	0.000	0.000
#10/3 MC Cable	120.00	2.0750	E	249.000	0.000	0.000
MC Connectors	6.00	1.0700	E	6.420	0.000	0.000
Tie Wraps	25.00	0.1068	E	2.670	0.000	0.000
Phase Totals				784.59		8.00
Totals				784.59		8.00
Tax				0.00		
Materials with Tax				784.59		

Summary

Itemized Breakdown Total		784.59	
Electrical Journeyman Overtime	(8.0000 hrs @ \$134.85 / hr)	1,078.80	
		1,078.80	✓
Labor Burden	(\$1,078.80 @ 30.00%)	323.64	
		323.64	✓
Overhead & Profit	(\$2,187.03 @ 10.00%)	218.70	
		218.70	✓
Bond	(\$2,405.73 @ 0.61%)	14.67	
		14.67	✓
		557.01	✓
Total		\$2,420.40	✓

REF.

319



CONSIGLI

Est. 1905

SLIP TRACKING

Project Name	Arlington High School	Job# 2153	Date 10/2/21
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THIS DOCUMENT IS TO BE USED FOR TRACKING PURPOSES ONLY:

(This document is not intended to constitute an acceptance of additional work to the contract nor does this document infer that the contractor will be compensated for the work performed)

Contractor	WJGEI
Contractor (Foreman's Signature)	
Contractor Extra Work #	
Cost Code	
Time Begin (Consigli Signature Required)	
Time Complete (Consigli Signature Required)	
Work Performed	TEMP FEED FOR HWP 1.2 CHW-1 FOR PSK TO ENERGIZE \$ HUSH HEATING SYSTEM
Manpower	(1) ELECTRICIAN x 8 hrs PT
Materials	SEE ATTACHED

FOR OFFICE USE ONLY

Comments	H. R. Z. / SKANSKA 10/4/21		
Category (Check One)	<input type="checkbox"/> Internal	<input checked="" type="checkbox"/> Owner	<input type="checkbox"/> Backcharge
Status (Check One)	<input type="checkbox"/> Rejected	<input checked="" type="checkbox"/> Accepted	<input type="checkbox"/> Pending
Reference drawing or specification section:			

White: PM

Yellow: Contractor Copy

Pink: Remains



INVOICE

116 Hopping Brook Road, Holliston, MA 01746
(508) 429-8830 FAX (508) 429-9251
MA LIC. A8999, 4536A1

MR. CHRIS WEBER
Sold To: CONSIGLI CONSTRUCTION COMPANY, INC.
72 SUMNER STREET
MILFORD, MA 01757

Work Done At: ARLINGTON HIGH SCHOOL
869 MASS AVENUE
ARLINGTON, MA 02476

JOB NO. 02698-00-20	PO Nbr	Terms Net 30 Days	PLEASE REMIT BY INVOICE NUMBER P0072	Invoice Date 11/18/2021
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DESCRIPTION OF WORK:

RE: Job#2698- Arlington High School
Proposal#P0072

As directed via email on 10/21/2021, provide labor services and materials to install temporary power to Chilled Water Pump CHWP-7 so the heating system can be flushed out.

INVOICE TOTAL

5,069.64



Terms: Net 30 Days with 1.5% Interest on all Unpaid Balance over 30 days



**WAYNE J.
GRIFFIN ELECTRIC
INC.**

November 19, 2021

VIA EMAIL ONLY: cweber@consigli.com

Mr. Chris Weber, Project Manager
Consigli Construction Company, Inc.
72 Sumner Street
Milford, MA 01757

RE: Job #2698 - Arlington High School, Arlington, MA
Proposal #72

Dear Mr. Weber:

In accordance with the field change order signed by your authorized representative, Thomas DeRosa, the contract should be modified to include the following revision per our enclosed detailed backup:

DESCRIPTION OF WORK:

As directed via email on October 21, 2021, provide labor services and materials to install temporary power to Chilled Water Pump CHWP-7 so the heating system can be flushed out.

The material pricing enclosed is based on industry recognized standardized unit rates obtained from R.S. Means, as agreed to for your review, approval and acceptance. The labor hours are as signed for and acknowledged by your on-site representative.

Total \$ 5,069.64 ✓

Please issue a written change order as the work above has been completed. The value included in this field change order does not include any amounts for changes in the sequence of work, disruptions, interference and/or impacts, and the right is expressly reserved to recover any and all of these related items prior to any final settlement of this contract. The working relationship between your company and ours shall be in accordance with our mutually agreed to contract form.

Corporate Headquarters:

116 Hopping Brook Road
Holliston, MA 01746
Phone: (508) 429-8830
Fax: (508) 429-7825

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Pelham, AL 35124
Phone: (205) 733-8848
Fax: (205) 733-8107

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Duluth, GA 30096
Phone: (678) 417-9377
Fax: (678) 417-9373

2310 Presidential Drive
Suite 101
Durham, NC 27703
Phone: (919) 627-9724
Fax: (919) 627-9727

9801-C Southern Pine Boulevard
Charlotte, NC 28273
Phone: (704) 522-3851
Fax: (704) 522-3856

If you have any questions regarding the above, please do not hesitate to contact me at (508) 306-5313 or wpease@wjgei.com.

Very truly yours,

WAYNE J. GRIFFIN ELECTRIC, INC.



Wayne A. Pease
Senior Project Manager

WP/kab

ACKNOWLEDGMENT: The contract modifications stated for the above field change are acceptable for the work already performed. The value of the work completed to the date of the next requisition may be billed on that requisition.

Date: _____ Authorized Signature: _____

cc: John LaMarre, Senior Project Manager, Consigli Construction Company, Inc.,
JLaMarre@consigli.com
George Gray, Project Engineer, Wayne J. Griffin Electric, Inc.
Jeremiah Kimball, Project Foreman, Wayne J. Griffin Electric, Inc.



CCN#: P-0072, Slip 347 CHWP-7 Temp Feed
Date: 11/12/2021
Project Name: Arlington High School
Project Number: 02698-00-20
Page Number: 1

116 Hopping Brook Road, Holliston, MA 01746
 (508) 429-8830 FAX (508) 429-9251

Work Description

As directed via email on 10/21/2021, provide labor services and materials to install temporary power to Chilled Water Pump CHWP-7 so the heating system can be flushed out.

Itemized Breakdown

Description	Qty	Net Price	UM	Materials (\$)	Labor	Total Hours
Labor 10/23/20	1.00	0.0000	E	0.000	16.000	16.000
30A/3P/480V Circuit Breaker	1.00	121.4300	E	121.430	0.000	0.000
#10/3 MC Cable	600.00	2.7534	E	1,652.040	0.000	0.000
MC Connectors	2.00	0.9500	E	1.900	0.000	0.000
Tie Wraps	100.00	0.0057	E	0.570	0.000	0.000
Phase Totals				1,775.94		16.00
Totals				1,775.94		16.00
Tax				0.00		
Materials with Tax				1,775.94		

Summary

Itemized Breakdown Total			1,775.94	
Electrical Journeyman Overtime	(16.0000 hrs @ \$134.85 / hr)	2,157.60		2,157.60 ✓
Labor Burden	(\$2,157.60 @ 30.00%)	647.28	✓	
Overhead & Profit	(\$4,580.82 @ 10.00%)	458.08	✓	
Bond	(\$5,038.90 @ 0.61%)	30.74	✓	
		30.74	✓	
			1,136.10	✓
Total			\$5,069.64	✓

[illegible]

Jeremiah Kimball

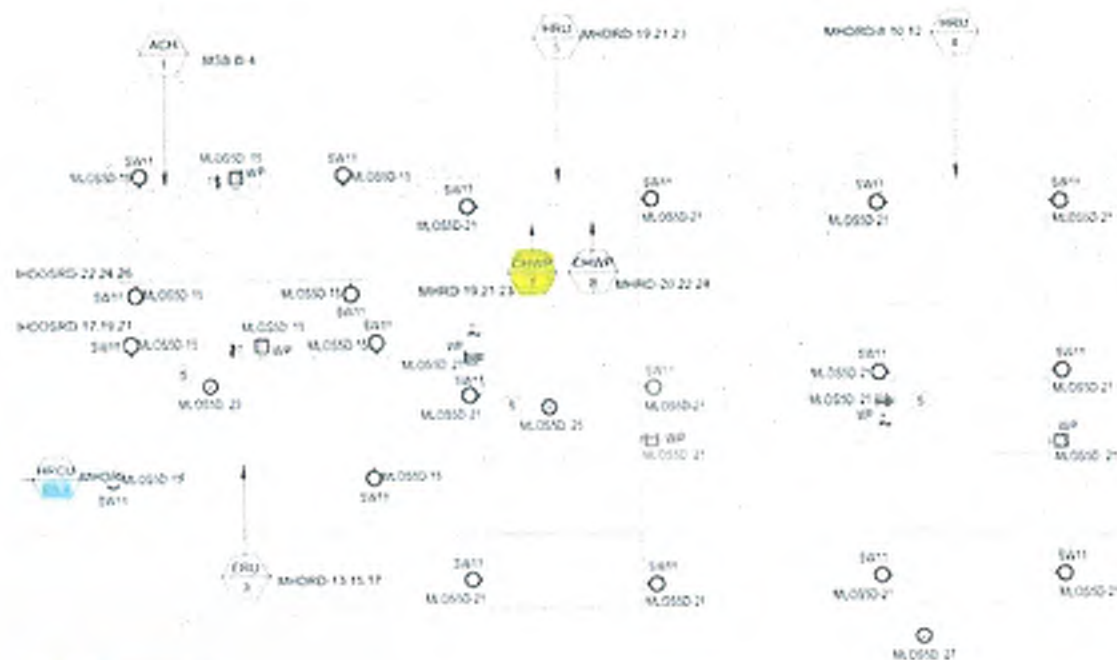
From: Samya, Kevin <ksamya@consigli.com>
Sent: Thursday, October 21, 2021 12:58 PM
To: Jeremiah Kimball; Wayne Pease; George Gray
Cc: Weber, Chris; Dockendorf, David; LaMarre, John; McWilliams, Chuck; DeRosa, Thomas; Martino, Scott; Jensen, Michael
Subject: ARLHS - CHW Pump on D Roof Temp Power

Note: This email originated outside Wayne J. Griffin Electric. Use caution with replies, links and attachments. Please forward any suspicious looking email to spamcatcher@wjgei.com.

Jeremiah,

As discussed this morning, we need to provide temporary power to a chilled water pump inside of HRU-5 on Building D Roof. The reason for this is due to the oncoming winter weather and us not having permanent power to allow us to flush the chilled water pipe. There is exposed pipe that goes from ACH-1 to HRU-5 to HRU-4 that doesn't have heat trace and is exposed to the elements. By temporarily energizing the chilled water pumps we will be able to flush the system and introduce the required glycol which will protect the exposed pipe and coils inside of the equipment from freezing. Please proceed with this work and confirm when the material will be onsite.

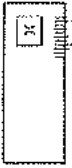
Please discuss financials with Chris.




 No change in

Let me know if you have any questions.

Regards,



Kevin Sanya
Assistant M/E/P Manager
m: 508.244.1698
 consigl.com



INVOICE

116 Hopping Brook Road, Holliston, MA 01746
(508) 429-8830 FAX (508) 429-9251

MA LIC. A8999, 4536A1

MR. CHRIS WEBER
Sold To: CONSIGLI CONSTRUCTION COMPANY, INC.
72 SUMNER STREET
MILFORD, MA 01757

Work Done At: ARLINGTON HIGH SCHOOL
869 MASS AVENUE
ARLINGTON, MA 02476

JOB NO. 02698-00-20	PO Nbr	Terms Net 30 Days	PLEASE REMIT BY INVOICE NUMBER	P0073	Invoice Date 11/18/2021
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DESCRIPTION OF WORK:

RE: Job#2698- Arlington High School
Proposal#P0073

As directed under CR 243, provide labor services and materials to install a temporary feed to the Boiler Pump to allow for the flushing of the heating system.

INVOICE TOTAL

4,162.87 ✓

Terms: Net 30 Days with 1.5% Interest on all Unpaid Balance over 30 days



**WAYNE J.
GRIFFIN ELECTRIC
INC.**

November 19, 2021

VIA EMAIL ONLY: cweber@consigli.com

Mr. Chris Weber, Project Manager
Consigli Construction Company, Inc.
72 Sumner Street
Milford, MA 01757

RE: Job #2698 - Arlington High School, Arlington, MA
Proposal #73

Dear Mr. Weber:

In accordance with the field change order signed by your authorized representative, Thomas DeRosa, the contract should be modified to include the following revision per our enclosed detailed backup:

DESCRIPTION OF WORK:

As directed under CR-243, provide labor services and materials to install a temporary feed to the Boiler Pump to allow for the flushing of the heating system.

The material pricing enclosed is based on industry recognized standardized unit rates obtained from R.S. Means, as agreed to for your review, approval and acceptance. The labor hours are as signed for and acknowledged by your on-site representative.

Total \$ 4,162.87 ✓

Please issue a written change order as the work above has been completed. The value included in this field change order does not include any amounts for changes in the sequence of work, disruptions, interference and/or impacts, and the right is expressly reserved to recover any and all of these related items prior to any final settlement of this contract. The working relationship between your company and ours shall be in accordance with our mutually agreed to contract form.

Corporate Headquarters:

116 Hopping Brook Road
Holliston, MA 01746
Phone: (508) 429-8830
Fax: (508) 429-7825

Regional Offices:

296 Cahaba Valley Parkway
Pelham, AL 35124
Phone: (205) 733-8848
Fax: (205) 733-8107

1950 Evergreen Boulevard
Suite 300
Duluth, GA 30096
Phone: (678) 417-9377
Fax: (678) 417-9373

2310 Presidential Drive
Suite 101
Durham, NC 27703
Phone: (919) 627-9724
Fax: (919) 627-9727

9801-C Southern Pine Boulevard
Charlotte, NC 28273
Phone: (704) 522-3851
Fax: (704) 522-3856

If you have any questions regarding the above, please do not hesitate to contact me at (508) 306-5313 or wpease@wjgei.com.

Very truly yours,

WAYNE J. GRIFFIN ELECTRIC, INC.



Wayne A. Pease
Senior Project Manager

WP/kab

ACKNOWLEDGMENT: The contract modifications stated for the above field change are acceptable for the work already performed. The value of the work completed to the date of the next requisition may be billed on that requisition.

Date: _____ Authorized Signature: _____

cc: John LaMarre, Senior Project Manager, Consigli Construction Company, Inc.,
JLaMarre@consigli.com
George Gray, Project Engineer, Wayne J. Griffin Electric, Inc.
Jeremiah Kimball, Project Foreman, Wayne J. Griffin Electric, Inc.



CCN#: P-0073, Slip 352 CR 243 Boiler Pump Temp Fe
Date: 11/12/2021
Project Name: Arlington High School
Project Number: 02698-00-20
Page Number: 1

116 Hopping Brook Road, Holliston, MA 01746
 (508) 429-8830 FAX (508) 429-9251

Work Description

As directed under CR 243, provide labor services and materials to install a temporary feed to the Boiler Pump to allow for the flushing of the heating system.

Itemized Breakdown

Description	Qty	Net Price	UM	Materials (\$)	Labor	Total Hours
Labor 10/9/20	1.00	0.0000	E	0.000	16.000	16.000
30A/3P/250V Circuit Breaker	1.00	128.4000	E	128.400	0.000	0.000
#10/3 MC Cable	300.00	2.7534	E	826.020	0.000	0.000
MC Connectors	2.00	0.9500	E	1.900	0.000	0.000
Tie Wraps	50.00	0.0056	E	0.280	0.000	0.000
Phase Totals				956.60		16.00
Totals				956.60		16.00
Tax				0.00		
Materials with Tax				956.60		

Summary

Itemized Breakdown Total		956.60	
Electrical Journeyman Overtime	(16.0000 hrs @ \$134.85 / hr)	2,157.60	
		2,157.60	✓
Labor Burden	(\$2,157.60 @ 30.00%)	647.28	
		647.28	✓
Overhead & Profit	(\$3,761.48 @ 10.00%)	376.15	
		376.15	✓
Bond	(\$4,137.63 @ 0.61%)	25.24	
		25.24	✓
		1,048.67	✓
Total		\$4,162.87	✓



CONSIGLI

Est. 1905

SLIP TRACKING

REF.

CCC - CR243A

352

Project Name	Arlington High School	Job# 2153	Date 10/11/21
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THIS DOCUMENT IS TO BE USED FOR TRACKING PURPOSES ONLY:

(This document is not intended to constitute as acceptance of additional work to the contract nor does this document infer that the contractor will be compensated for the work performed)

Contractor	WJGEI
Contractor (Foreman's Signature)	
Contractor Extra Work #	
Cost Code	CE243
Time Begin (Consigli Signature Required)	
Time Complete (Consigli Signature Required)	
Work Performed	TEMP WT FEED FOR BOILER PUMP FOR RISK TO ENERGEATE 3 EVUISH HEATING SYSTEM
Manpower	(2) ELECTRICIANS x 2 HRS
Materials	SEE ATTACHED

FOR OFFICE USE ONLY

Comments	H.R. SKANSKA 10/27/21		
Category (Check One)	<input type="checkbox"/> Internal	<input checked="" type="checkbox"/> Owner	<input type="checkbox"/> Backcharge
Status (Check One)	<input type="checkbox"/> Rejected	<input type="checkbox"/> Accepted	<input type="checkbox"/> Pending
Reference drawing or specification section:			

White: PM

Yellow: Contractor Copy

Pink: Remains



INVOICE

116 Hopping Brook Road, Holliston, MA 01746
(508) 429-8830 FAX (508) 429-9251
MA LIC. A8999, 4536A1

MR. CHRIS WEBER
Sold To: CONSIGLI CONSTRUCTION COMPANY, INC.
72 SUMNER STREET
MILFORD, MA 01757

Work Done At: ARLINGTON HIGH SCHOOL
869 MASS AVENUE
ARLINGTON, MA 02476

JOB NO. 02698-00-20	PO Nbr	Terms Net 30 Days	PLEASE REMIT BY INVOICE NUMBER	P0076	Invoice Date 11/25/2021
------------------------	--------	----------------------	-----------------------------------	-------	----------------------------

DESCRIPTION OF WORK:

RE: Job#2698- Arlington High School
Proposal#P0076

As directed under CR 213, provide overtime labor services and materials to provide branch power and connections for (2) two temporary heaters.

INVOICE TOTAL

10,300.43



Terms: Net 30 Days with 1.5% Interest on all Unpaid Balance over 30 days



**WAYNE J.
GRIFFIN ELECTRIC
INC.**

November 29, 2021

VIA EMAIL ONLY: cweber@consigli.com

Mr. Chris Weber, Project Manager
Consigli Construction Company, Inc.
72 Sumner Street
Milford, MA 01757

RE: Job #2698 - Arlington High School, Arlington, MA
Proposal #76

Dear Mr. Weber:

In accordance with the field change order signed by your authorized representative, Dave Dockendorf, the contract should be modified to include the following revision per our enclosed detailed backup:

DESCRIPTION OF WORK:

As directed under CR-213, provide overtime labor services and materials to provide branch power and connections for two (2) temporary heaters.

The material pricing enclosed is based on industry recognized standardized unit rates obtained from R.S. Means, as agreed to for your review, approval and acceptance. The labor hours are as signed for and acknowledged by your on-site representative.

Total \$ 10,300.43 ✓

Please issue a written change order as the work above has been completed. The value included in this field change order does not include any amounts for changes in the sequence of work, disruptions, interference and/or impacts, and the right is expressly reserved to recover any and all of these related items prior to any final settlement of this contract. The working relationship between your company and ours shall be in accordance with our mutually agreed to contract form.

Corporate Headquarters:

116 Hopping Brook Road
Holliston, MA 01746
Phone: (508) 429-8830
Fax: (508) 429-7825

Regional Offices:

296 Cahaba Valley Parkway
Pelham, AL 35124
Phone: (205) 733-8848
Fax: (205) 733-8107

1950 Evergreen Boulevard
Suite 300
Duluth, GA 30096
Phone: (678) 417-9377
Fax: (678) 417-9373

2310 Presidential Drive
Suite 101
Durham, NC 27703
Phone: (919) 627-9724
Fax: (919) 627-9727

9801-C Southern Pine Boulevard
Charlotte, NC 28273
Phone: (704) 522-3851
Fax: (704) 522-3856

If you have any questions regarding the above, please do not hesitate to contact me at (508) 306-5313 or wpease@wjgei.com.

Very truly yours,

WAYNE J. GRIFFIN ELECTRIC, INC.



Wayne A. Pease
Senior Project Manager

WP/kab

ACKNOWLEDGMENT: The contract modifications stated for the above field change are acceptable for the work already performed. The value of the work completed to the date of the next requisition may be billed on that requisition.

Date: _____ Authorized Signature: _____

cc: John LaMarre, Senior Project Manager, Consigli Construction Company, Inc.,
JLaMarre@consigli.com
George Gray, Project Engineer, Wayne J. Griffin Electric, Inc.
Jeremiah Kimball, Project Foreman, Wayne J. Griffin Electric, Inc.



CCN#: P-0076, CR 213 Power for Temp Heaters
Date: 11/23/2021
Project Name: Arlington High School
Project Number: 02698-00-20
Page Number: 1

116 Hopping Brook Road, Holliston, MA 01746
 (508) 429-8830 FAX (508) 429-9251

Work Description

As directed under CR 213, provide Premium Time labor services and materials to provide power for (2) temporary heaters.

Itemized Breakdown

Description	Qty	Net Price	UM	Materials (\$)	Labor	Total Hours
Labor 11/2/21 - 11/3/21	1.00	0.0000	E	0.000	35.000	35.000
#2-4 SER Aluminum	400.00	2.8899	E	1,155.960	0.000	0.000
#12/2 Romex	1,000.00	0.8788	E	878.800	0.000	0.000
100A/3P/600V Disconnect	1.00	330.0000	E	330.000	0.000	0.000
100A/3P/600V Breaker	1.00	754.0000	E	754.000	0.000	0.000
1-1/4 SER Connector	4.00	3.2100	E	12.840	0.000	0.000
4" Square Box	4.00	5.2000	E	20.800	0.000	0.000
4" Square Cover	2.00	0.8100	E	1.620	0.000	0.000
Red Wirenuts	10.00	0.0700	E	0.700	0.000	0.000
#12 Ground Screw Pigtails	4.00	0.9300	E	3.720	0.000	0.000
Romex Connector	8.00	0.6063	E	4.850	0.000	0.000
Single Pole Switch	2.00	2.9600	E	5.920	0.000	0.000
Switch Mulberry Cover	2.00	1.1850	E	2.370	0.000	0.000
Phase Totals				3,171.58		35.00
Totals				3,171.58		35.00
Tax				0.00		
Materials with Tax				3,171.58		

Summary

Itemized Breakdown Total			3,171.58
Electrical Foreman Overtime	(3.0000 hrs @ \$134.85 / hr)	404.55	
Electrical Journeyman Overtime	(32.0000 hrs @ \$134.85 / hr)	4,315.20	
			4,719.75 ✓
Labor Burden	(\$4,719.75 @ 30.00%)	1,415.92	
		1,415.92 ✓	
Overhead & Profit	(\$9,307.25 @ 10.00%)	930.73	
		930.73 ✓	
Bond	(\$10,237.98 @ 0.61%)	62.45	
		62.45 ✓	
			2,409.10 ✓
Total			\$10,300.43 ✓


CONSIGLI
Est. 1905

SLIP TRACKING

REF.
375

Project Name	Arlington High School	Job# 2153	Date	10/30/21
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THIS DOCUMENT IS TO BE USED FOR TRACKING PURPOSES ONLY:
(This document is not intended to constitute as acceptance of additional work to the contract nor does this document infer that the contractor will be compensated for the work performed)

Contractor	WJGEI
Contractor (Foreman's Signature)	
Contractor Extra Work #	
Cost Code	CR213
Time Begin (Consigli Signature Required)	
Time Complete (Consigli Signature Required)	
Work Performed	ADD POWER TO TEMP HEATER (2) HEATERS (PT)
Manpower	(1) FOREMAN x 3hrs (4) ELECTRICIANS x 8hrs 3hrs
Materials	SEE ATTACHED

FOR OFFICE USE ONLY

Comments	H.E. SKLINSKA 11/15/21		
Category (Check One)	<input type="checkbox"/> Internal	<input checked="" type="checkbox"/> Owner	<input type="checkbox"/> Backcharge
Status (Check One)	<input type="checkbox"/> Rejected	<input type="checkbox"/> Accepted	<input type="checkbox"/> Pending
Reference drawing or specification section:			

White: PM
Yellow: Contractor Copy
Pink: Remains

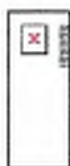
WAYNE J. GRIFFIN ELECTRIC INC.				WORK AUTHORIZATION				Check one:	
116 HOPPING BROOK ROAD								Time & Material <input checked="" type="checkbox"/>	
HOLLISTON, MA 01746								Service Division <input type="checkbox"/>	
TEL: 508-429-8830 FAX 508-429-7825				Reference Number:				Other - Specify <input type="checkbox"/>	
Consigli				Add power to temp heater Per Dave Dockendorf email attached				Emergency Call <input type="checkbox"/>	
72 Sumner Street				email. Add power to (2) temp heaters on premium time					
Milford				MA, 01757				Customer PO	
PREWORK AUTHORIZATION				Dave Dockendorf, VIA EMAIL DATED 10/30/2021				Date: 10-30-21	
AUTHORIZED SIGNATURE:									
YOU ARE HEREBY AUTHORIZED TO PERFORM THE ABOVE ADDITIONAL WORK UNDER THE SAME CONDITIONS AS SPECIFIED IN THE ORIGINAL CONTRACT PROPOSAL UNLESS OTHERWISE STIPULATED.									
MATERIAL AND LABOR BREAKDOWN									
400	#2- 4 SER aluminum								
1000	12-2 romex								
1	100 amp 3 phase 600v disconnect								
1	100 amp 3 phase 600v breaker								
4	1-1/4/2 connector ser								
4	4" square								
2	4" blank cover								
10	wire nuts								
4	grounding pigtail								
8	romex connector								
2	single pole switch								
2	switch mulberry cover								
TIME AND LABOR RECORD									
Worker:	Date:	Hours:	Worker:	Date:	Hours:	Worker:	Date:	Hours:	Total Man Hours
Jeremiah Kimball	11/3/2021	3	Andrew Cunningham	11/2/2021	8				
Dennis Michael Jean Jr.	11/2/2021	8							
Greg Corley	11/2/2021	8							
Javier Vazquez	11/2/2021	8							35
Electronic copy on file									
Post work Authorized Signatur  DATE:									
The labor and materials listed above are accurate and the work was completed satisfactorily									

Jeremiah Kimball

From: Dockendorf, David <ddockendorf@consigli.com>
Sent: Saturday, October 30, 2021 12:59 PM
To: Wayne Pease
Cc: Samya, Kevin; Jensen, Michael; Jeremiah Kimball; Weber, Chris; LaMarre, John
Subject: RE: ArlHS - Temp water heater at Room 235 for D Lobby radiant slab
Attachments: State Water Heater.pdf

Note: This email originated outside Wayne J. Griffin Electric. Use caution with replies, links and attachments. Please forward any suspicious looking email to spamcatcher@wjgei.com.

Wayne,
Please proceed with providing the temp wiring necessary to power this water heater (and associated circulation pumps & controller) being used to heat the radiant slab, being control from room 235. Please track this time of a T&M basis.
Thanks,
Dave



David Dockendorf, LEED AP, CM-Lean
Project Manager
t: 774-217-0575 | m: 774-217-0575
consigli.com



From: Jeremiah Kimball <jkimball@WJGEI.com>
Sent: Tuesday, October 26, 2021 5:31 PM
To: Dockendorf, David <ddockendorf@consigli.com>
Cc: Samya, Kevin <ksamya@consigli.com>; Jensen, Michael <MJensen@consigli.com>
Subject: RE: ArlHS - Temp water heater at Room 235 for D Lobby radiant slab

Dave,

We should be fine to add 65 amps. I just need to talk to Chuck. He wanted to add (3) heaters. I need to follow up on that.

Thank you,

Jeremiah Kimball
Project Foreman
Wayne J. Griffin Electric, Inc.
JKimball@WJGEI.com
Cell: 978-302-6438
Office: 508-429-8830 X1623

From: Dockendorf, David <ddockendorf@consigli.com>
Sent: Tuesday, October 26, 2021 3:21 PM
To: Jeremiah Kimball <jkimball@WJGEI.com>

Cc: Samya, Kevin <ksamya@consigli.com>; Jensen, Michael <MJensen@consigli.com>
Subject: ArlHS - Temp water heater at Room 235 for D Lobby radiant slab

Note: This email originated outside Wayne J. Griffin Electric. Use caution with replies, links and attachments. Please forward any suspicious looking email to spamcatcher@wjgei.com.

Jeremiah,

Can you review and confirm we have ample temp power to support this State Water heater (480/3P draws 65 Amps)?

Thanks,

Dave



David Dockendorf, LEED AP, CM-Lean
Project Manager
t: 774-217-0575 | m: 774-217-0575
 consigli.com

From: Patrick Kennedy <patrick@pkennedy.com>
Sent: Tuesday, October 26, 2021 1:55 PM
To: Dockendorf, David <ddockendorf@consigli.com>
Cc: William Gray <wgray@pkennedy.com>; Samya, Kevin <ksamya@consigli.com>
Subject: RE: ArlHS - Temp water heater (EWH-12) at Room 235 for D Lobby radiant slab

Dave

Attached is Submittal data on a State Electric Water Heater (480V/3PH) that I am told is available to ship out if I were to order it. It would get us close to the output required for design load. Please check with your electrician and confirm, the temp power is available and let me know if you want me to order ...

Let me know



Patrick Kennedy | Vice President
Patrick J. Kennedy & Sons, Inc.
Mechanical Contractors
39 Gibson Street, Boston, MA 02122
P: 617.446.8000 F: 617.265.5126
www.pkennedy.com

 please consider the environment before printing this email

This email from Patrick J. Kennedy & Sons, Inc. is intended only for the individual(s) to whom it is addressed. This e-mail may contain information that is privileged, confidential, and exempt from disclosure under applicable law. If you are not the intended recipient,



INVOICE

116 Hopping Brook Road, Holliston, MA 01746
(508) 429-8830 FAX (508) 429-9251

MA LIC. A8999, 4536A1

MR. CHRIS WEBER
Sold To: CONSIGLI CONSTRUCTION COMPANY, INC.
72 SUMNER STREET
MILFORD, MA 01757

Work Done At: ARLINGTON HIGH SCHOOL
869 MASS AVENUE
ARLINGTON, MA 02476

JOB NO. 02698-00-20	PO Nbr	Terms Net 30 Days	PLEASE REMIT BY INVOICE NUMBER	P0093	Invoice Date 12/28/2021
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DESCRIPTION OF WORK:

RE: Job#2698- Arlington High School
Proposal#P0093

As directed in the field under CR 243, provide labor services and materials to open and power fire smoke dampers for mechanical unit startup scheduled for 11/22/21.

INVOICE TOTAL

3,590.48



Terms: Net 30 Days with 1.5% Interest on all Unpaid Balance over 30 days



**WAYNE J.
GRIFFIN ELECTRIC
INC.**

December 29, 2021

VIA EMAIL ONLY: cweber@consigli.com

Mr. Chris Weber, Project Manager
Consigli Construction Company, Inc.
72 Sumner Street
Milford, MA 01757

RE: Job #2698 - Arlington High School, Arlington, MA
Proposal #93

Dear Mr. Weber:

In accordance with the field change order signed by your authorized representative, the contract should be modified to include the following revision per our enclosed detailed backup:

DESCRIPTION OF WORK:

As directed in the field under CR-243, provide labor services and materials to open and power fire smoke dampers for mechanical unit startup scheduled for November 22, 2021.

The material pricing enclosed is based on industry recognized standardized unit rates obtained from R.S. Means, as agreed to for your review, approval and acceptance. The labor hours are as signed for and acknowledged by your on-site representative.

Total \$ 3,590.48 ✓

Please issue a written change order as the work above has been completed. The value included in this field change order does not include any amounts for changes in the sequence of work, disruptions, interference and/or impacts, and the right is expressly reserved to recover any and all of these related items prior to any final settlement of this contract. The working relationship between your company and ours shall be in accordance with our mutually agreed to contract form.

Corporate Headquarters:

116 Hopping Brook Road
Holliston, MA 01746
Phone: (508) 429-8830
Fax: (508) 429-7825

Regional Offices:

296 Cahaba Valley Parkway
Pelham, AL 35124
Phone: (205) 733-8848
Fax: (205) 733-8107

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Fax: (919) 627-9727

9801-C Southern Pine Boulevard
Charlotte, NC 28273
Phone: (704) 522-3851
Fax: (704) 522-3856

If you have any questions regarding the above, please do not hesitate to contact me at (508) 306-5313 or wpease@wjgei.com.

Very truly yours,

WAYNE J. GRIFFIN ELECTRIC, INC.



Wayne A. Pease
Senior Project Manager

WP/kab

ACKNOWLEDGMENT: The contract modifications stated for the above field change are acceptable for the work already performed. The value of the work completed to the date of the next requisition may be billed on that requisition.

Date: _____ Authorized Signature: _____

cc: John LaMarre, Senior Project Manager, Consigli Construction Company, Inc.,
JLaMarre@consigli.com
George Gray, Project Engineer, Wayne J. Griffin Electric, Inc.
Jeremiah Kimball, Project Foreman, Wayne J. Griffin Electric, Inc.



CCN#: P-0093, CR 243 Power F/S Dampers for Start-u
Date: 12/21/2021
Project Name: Arlington High School
Project Number: 02698-00-20
Page Number: 1

116 Hopping Brook Road, Holliston, MA 01746
 (508) 429-8830 FAX (508) 429-9251

Work Description

As directed in the field under CR 243, provide labor services and materials to open and power fire smoke dampers for mechanical unit startup scheduled for 11/22/21.

Itemized Breakdown

Description	Qty	Net Price	UM	Materials (\$)	Labor	Total Hours
Labor 11/20/21	1.00	0.0000	E	0.000	24.000	24.000
12-2 Romex	500.00	0.8788	E	439.400	0.000	0.000
Phase Totals				439.40		24.00
		Totals		439.40		24.00
		Tax		0.00		
		Materials with Tax		439.40		

Summary

	Itemized Breakdown Total		439.40	
Electrical Journeyman	(24.0000 hrs @ \$89.90 / hr)	2,157.60		
			2,157.60	✓
Labor Burden	(\$2,157.60 @ 30.00%)	647.28		
		647.28		✓
Overhead & Profit	(\$3,244.28 @ 10.00%)	324.43		
		324.43		✓
Bond	(\$3,568.71 @ 0.61%)	21.77		
		21.77		✓
			993.48	✓
Total			\$3,590.48	✓

REF.

402



CONSIGLI

Est. 1905

SLIP TRACKING

Project Name	Arlington High School	Job# 2153	Date	11/19/21
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THIS DOCUMENT IS TO BE USED FOR TRACKING PURPOSES ONLY:

(This document is not intended to constitute as acceptance of additional work to the contract nor does this document infer that the contractor will be compensated for the work performed)

Contractor	WJBE1
Contractor (Foreman's Signature)	
Contractor Extra Work #	
Cost Code	CR243
Time Begin (Consigli Signature Required)	
Time Complete (Consigli Signature Required)	
Work Performed	open / power smoke damper for mech. unit startup 11/22 (PT)
Manpower	(4) ELECT. x Ghosh 21/PT hrs
Materials	SEE ATTACHED




FOR OFFICE USE ONLY

Comments	CR - 243A 11/19/21		
Category (Check One)	<input type="checkbox"/> Internal	<input type="checkbox"/> Owner	<input type="checkbox"/> Backcharge
Status (Check One)	<input type="checkbox"/> Rejected	<input type="checkbox"/> Accepted	<input type="checkbox"/> Pending
Reference drawing or specification section:			

White: PM

Yellow: Contractor Copy

Pink: Remains

WAYNE J. GRIFFIN ELECTRIC INC. 116 HOPPING BROOK ROAD HOLLISTON, MA 01746 TEL: 508-429-8830 FAX 508-429-7825				WORK AUTHORIZATION				Check one:																																																						
Consigli 72 Sumner Street Milford MA, 01757				WJGEI to open/power fire smoke dampers for mechanical unit for startup scheduled for 11/22		Time&Material		<input checked="" type="checkbox"/>																																																						
				Premium time		Service Division		<input type="checkbox"/>																																																						
PREWORK AUTHORIZATION				VIA EMAIL DATED 11/19/2021		Date: 11-19-21																																																								
AUTHORIZED SIGNATURE:																																																														
YOU ARE HEREBY AUTHORIZED TO PERFORM THE ABOVE ADDITIONAL WORK UNDER THE SAME CONDITIONS AS SPECIFIED IN THE ORIGINAL CONTRACT PROPOSAL UNLESS OTHERWISE STIPULATED.																																																														
MATERIAL AND LABOR BREAKDOWN																																																														
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Jeremiah Kimball

From: Weber, Chris <cweber@consigli.com>
Sent: Friday, November 19, 2021 8:18 AM
To: Jeremiah Kimball; Wayne Pease
Cc: DeRosa, Thomas; McWilliams, Chuck; LaMarre, John; Dockendorf, David; Samya, Kevin
Subject: 2153 - Authorization for FSD Temp Circuits T&M_CR273

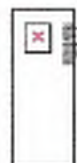
Note: This email originated outside Wayne J. Griffin Electric. Use caution with replies, links and attachments. Please forward any suspicious looking email to spamcatcher@wjgei.com.

Jeremiah,

As discussed during yesterday's meeting we need WJGEI to open/power fire smoke dampers for mechanical unit startup scheduled for 11/22. Based on conversations there is 1 circuit per floor for the FSDs, please provide temp circuits for FSDs and power the top floor by 11/20 to have all open by 11/22.

Please track on T&M reference CR243.

Thanks



Chris Weber
Project Manager
m: 774.573.4072
 consigli.com



Patrick J. Kennedy & Sons, Inc.
MECHANICAL CONTRACTORS

39 Gibson Street
 Boston, MA 02122-1222
 Ph : (617)265-5535

PROPOSED CHANGE ORDER

Number: 019

Date: 10/28/21

Phone:

Job: 2020-21 Arlington HS Main Package

To: Chris Weber
 Consigli Construction Co. Inc.
 72 Sumner Street
 Milford, MA 01757
 Ph: 857-300-6900

Description: Transformer Rigging Charges

Additional costs incurred to hoist and set Transformer. This work has been completed as directed. Please process and forward a Change Order.

Description	Quantity	Unit	Unit Price	Price
CJ Shaughnessy Charges				\$1,200.00 ✓
			Subtotal:	\$1,200.00
	PJK Mark-up	\$1,200.00	10.00%	\$120.00 ✓
	Bond Cost	\$1,320.00	1.50%	\$19.80 ✓
			Total:	\$1,339.80 ✓

If you have any questions, please contact me at 617-446-8000.

Submitted by: Patrick Kennedy
 Patrick J. Kennedy & Sons, Inc

Approved by: _____
 Date: _____

CJ Shaughnessy Crane Service, Inc.
520 Bodwell Street Ext
Avon, MA 02322
(781)315-5321
cjshaughnessycrane@gmail.com
http://cjshaughnessy-crane-service.com



INVOICE

INVOICE # 9922
DATE 10/26/2021
DUE DATE 11/25/2021
TERMS Net 30

BILL TO
PJ Kennedy and Sons
39 Gibson Street
Boston, MA 02122

PLEASE DETACH TOP PORTION AND RETURN WITH YOUR PAYMENT.

JOB #
Bill Grey

JOB SITE
869 Mass Ave Arlington

DATE	ACTIVITY	QTY	RATE	AMOUNT
10/06/2021	35 ton crane rental Hoist and reset (1) transformer as directed	1	1,200.00	1,200.00

Please remit payment to:
C.J. Shaughnessy Crane Service, Inc.
520 Bodwell St Ext
Avon, MA 02322

BALANCE DUE

\$1,200.00 ✓

781-315-5321

A monthly interest charge of 1.5% will be applied to all unpaid balances after 30 days.



Patrick J. Kennedy & Sons, Inc.
MECHANICAL CONTRACTORS

39 Gibson Street
Boston, MA 02122-1222
Ph: (617)265-5535

CCC - CR243A
PROPOSED CHANGE ORDER

Number: 025

Date: 1/7/22

Phone:

Job: 2020-21 Arlington HS Main Package

To: Chris Weber
Consgill Construction Co. Inc.
72 Sumner Street
Milford, MA 01757
Ph: 857-300-6900

Description: Temporary Water Heater

Additional costs to provide and install temporary Electric water heater to serve radiant slab heating system.

This work has been completed on a T&M basis as directed.

Description	Quantity	Unit	Unit Price	Price
Labor				\$4,600.92
Equipment				\$150.00
Material				\$8,424.19
			Subtotal:	\$13,175.11
	PJK Mark-up	\$13,175.11	10.00%	\$1,317.51
	Bond Cost	\$14,492.62	1.50%	\$217.39
			Total:	\$14,710.01

If you have any questions, please contact me at 617-446-8000.

Submitted by: Patrick Kennedy
Patrick J. Kennedy & Sons, Inc

Approved by: _____
Date: _____


CONSIGLI
Est. 1905

SLIP TRACKING

REF.

CCC - CR243A

379

Project Name	Arlington High School	Job# 2153	Date	11/5/21
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THIS DOCUMENT IS TO BE USED FOR TRACKING PURPOSES ONLY:
(This document is not intended to constitute an acceptance of additional work to the contract nor does this document infer that the contractor will be compensated for the work performed)

Contractor	PT KENNEDY
Contractor (Foreman's Signature)	
Contractor Extra Work #	18470
Cost Code	CR243
Time Begin (Consigli Signature Required)	
Time Complete (Consigli Signature Required)	
Work Performed	REPLACE DI ELECTRIC MOTORS THAT LEAKING. - Kill System / Bypass AIR - Switched pipe between radiant manifolds terminated pipe
Manpower	(1) Foreman x 8 hrs
Materials	SEE ATTACHED

FOR OFFICE USE ONLY

Comments	H.R. SKANSKA 11/15/21		
Category (Check One)	<input type="checkbox"/> Internal	<input type="checkbox"/> Owner	<input type="checkbox"/> Backcharge
Status (Check One)	<input type="checkbox"/> Rejected	<input type="checkbox"/> Accepted	<input type="checkbox"/> Pending
Reference drawing or specification section:			

White: PM

Yellow: Contractor Copy

Pink: Remains



SERVICE ORDER

PATRICK J. KENNEDY & SONS, INC.
 Mechanical Contractors
 39 Gibson Street, Boston, Massachusetts 02122
 (617) 265-5535 Fax (617) 265-5126
 www.pjkennedy.com

Service Location AHS		Acct. No.		Date 11/5/21		Bill to (<input type="checkbox"/> If same as service location)	
Name				Name Consigli			
Address				Address 869 Mass Ave			
City		State		City Arlington		State MA	
Contact Person		Tel. No.		Cust. P.O. No.		Attention	
Purpose of Call							
Contract No.		<input type="checkbox"/> Service Contract <input type="checkbox"/> Change		<input type="checkbox"/> Warranty <input checked="" type="checkbox"/> Contract Extra		Technician #1 Craig Ouellette Technician #2	
Service Performed							
- Replaced di-electric nipples that were leaking - Fill system and bled air - Switched purge between radiant manifolds and continued to purge air from system - Monitored system							
<input type="checkbox"/> Work Completed <input type="checkbox"/> Work Incomplete		If Incomplete, Explain					
Recommendation							
QTY.	Description & Part No.	Unit	Total	Lbs.	Environmental Charge	Rate/Lb.	Total
	Truck/Trip Charge				R- Recovered		
				HRS.	Equipment Charges	Rate	Total
				HRS.	Labor Description	Rate	Total
					Craig	Straight 8	
						Overtime	
						Straight	
						Overtime	
				Total Materials			
				Total Labor			
				Parking & Travel Costs			
				Environmental & Equipment Charge			
				Sales Tax			
				Total of Service Order			
I HEREBY ACKNOWLEDGE THE MAN HOURS AND MATERIALS AS LISTED HEREON AND AGREE TO PAY THE INVOICE ON RECEIPT.							
				Printed Name		Date 11/15/21	
Accepted by Customer (Authorized Signature)							



REF.

CCC - CR243A

380

CONSIGLI

Est. 1905

SLIP TRACKING

Project Name	Arlington High School	Job# 2153	Date	11/8/21
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THIS DOCUMENT IS TO BE USED FOR TRACKING PURPOSES ONLY:

(This document is not intended to constitute an acceptance of additional work to the contract nor does this document infer that the contractor will be compensated for the work performed)

Contractor	PT KENNEDY
Contractor (Foreman's Signature)	
Contractor Extra Work #	18471
Cost Code	CR22113
Time Begin (Consigli Signature Required)	
Time Complete (Consigli Signature Required)	
Work Performed	- Record Area - make adjustments to manholes - met w/ CCC to review slab form adjustments
Manpower	(1) Foreman x 2 hrs
Materials	SEE ATTACHED

FOR OFFICE USE ONLY

Comments	H. R. SKANSKA 11/15/21		
Category (Check One)	<input type="checkbox"/> Internal	<input checked="" type="checkbox"/> Owner	<input type="checkbox"/> Backcharge
Status (Check One)	<input type="checkbox"/> Rejected	<input checked="" type="checkbox"/> Accepted	<input type="checkbox"/> Pending
Reference drawing or specification section:			

White: PM

Yellow: Contractor Copy

Pink: Remains



SERVICE ORDER

PATRICK J. KENNEDY & SONS, INC.
Mechanical Contractors
39 Gibson Street, Boston, Massachusetts 02122
(617) 265-5535 Fax (617) 265-5126
www.pjkennedy.com

Service Location AHS		Acct. No.		Date 11/8/21		Bill to (<input type="checkbox"/> If same as service location)		
Name				Name Consigli				
Address				Address 869 Mass Ave				
City		State		City Arlington		State MA Zip		
Contact Person			Tel. No.		Cust. P.O. No.		Attention	
Purpose of Call								
Contract No.		<input type="checkbox"/> Service Contract <input type="checkbox"/> Charge		<input type="checkbox"/> Warranty <input checked="" type="checkbox"/> Contract Extra		Technician #1 Craig Ouellette		
Technician #2								
Service Performed								
<ul style="list-style-type: none"> - Purged air - Made adjustment to manifold - Met with Dave D. and Bill Gray to discuss plan going forward in order to adjust slab temp. 								
<input type="checkbox"/> Work Completed		<input type="checkbox"/> Work Incomplete		If Incomplete, Explain				
Recommendation								
QTY.	Description & Part No.	Unit	Total	Lbs.	Environmental Charge	Rate/Lb.	Total	
	Truck/Trip Charge				R- Recovered			
				HRS.	Equipment Charges	Rate	Total	
				HRS.	Labor Description	Rate	Total	
					Craig	Straight	2	
						Overtime		
						Straight		
						Overtime		
				Total Materials				
				Total Labor				
				Parking & Travel Costs				
				Environmental & Equipment Charge				
				Sales Tax				
				Total of Service Order				
I HEREBY ACKNOWLEDGE THE MAN HOURS AND MATERIALS AS LISTED HEREON AND AGREE TO PAY THE INVOICE ON RECEIPT.								
Accepted by Customer (Authorized Signature)				Printed Name		Date 11/15/21		


CONSIGLI
Est. 1905

SLIP TRACKING

REF.

CCC - CR243A

381

Project Name	Arlington High School	Job# 2153	Date 11/4/21
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THIS DOCUMENT IS TO BE USED FOR TRACKING PURPOSES ONLY:
(This document is not intended to constitute an acceptance of additional work to the contract nor does this document infer that the contractor will be compensated for the work performed)

Contractor	PJ KENNEDY
Contractor (Foreman's Signature)	
Contractor Extra Work #	18469
Cost Code	CE243
Time Begin (Consigli Signature Required)	
Time Complete (Consigli Signature Required)	
Work Performed	Installed temporary hot water heater (slab leaks) - coordinated and put into radiant floor temp system
Manpower	(3) journeymen & (3) hrs PMAL
Materials	SEE ATTACHED

FOR OFFICE USE ONLY

Comments	H.R. by SHAWSKA 11/16/21		
Category (Check One)	<input type="checkbox"/> Internal	<input type="checkbox"/> Owner	<input type="checkbox"/> Backcharge
Status (Check One)	<input type="checkbox"/> Rejected	<input checked="" type="checkbox"/> Accepted	<input type="checkbox"/> Pending
Reference drawing or specification section:			

White: PM

Yellow: Contractor Copy

Pink: Remains



SERVICE ORDER

PATRICK J. KENNEDY & SONS, INC.
Mechanical Contractors
39 Gibson Street, Boston, Massachusetts 02122
(617) 265-5535 Fax (617) 265-5126
www.pjkennedy.com

Service Location AHS		Acct. No.		Date 11/4/21		Bill to (<input type="checkbox"/> If same as service location)	
Name				Name Consigli			
Address				Address 869 Mass ave			
City		State		City Arlington		State MA	
Contact Person		Tel. No.		Cust. P.O. No.		Attention	
Purpose of Call							
Contract No.		<input type="checkbox"/> Service Contract <input type="checkbox"/> Charge		<input type="checkbox"/> Warranty <input checked="" type="checkbox"/> Contract Extra		Technician #1 Craig Ouellette	
						Technician #2 Paul Scallito Thomas Cobbett	
Service Performed							
Installed Temporary hot water heater (slab heater) - Made plan to cut into radiant floor pipe system - Ordered stock and picked up at supply house - Ran supply/return pipe from heater to system with valving, vent, vacuum breaker, expansion tank, caps							
<input type="checkbox"/> Work Completed		<input type="checkbox"/> Work Incomplete		If Incomplete, Explain			
Recommendation							
QTY.	Description & Part No.	Unit	Total	Lbs.	Environmental Charge	Rate/Lb.	Total
4	1 1/4 PP Rock Trip Charge				R- Recovered		
16	1 1/4 PP 90°			HRS.	Equipment Charges	Rate	Total
4	1 1/4 PP coupling						
5	1 1/4 x 3/4 PP Tee						
3	1 1/4 PP Tee			HRS.	Labor Description	Rate	Total
3	3/4 PP 90°						
2	1 1/4 PP ball valve						
1	3/4 IPS x hose ball valve						
2	3/4 PP male adapter						
2	3/4 PP female adapter						
1	1 1/4 x 3/4 PP reducer						
3	3/4 PP x hose valve						
1	3/4 expansion tank						
1	3/4 vacuum breaker						
30'	1 1/4 Type L Pipe						
10'	3/4 Type L Pipe						
2	1 1/4 copper FM ring						
				Total Materials			
				Total Labor			
				Parking & Travel Costs			
				Environmental & Equipment Charge			
				Sales Tax			
				Total of Service Order			

EVERY WORKMAN KNOWS THE QUALITY AND MATERIALS AS LISTED HEREON AND AGREE TO PAY THE INVOICE ON RECEIPT.

11/4 x 4
 1-3/4 cut

Accepted by Customer (Authorized Signature) Printed Name **Paul Scallito** Date **11/15/21**



REF.

CCC - CR243A

409

CONSIGLI

Est. 1905

SLIP TRACKING

Project Name	Arlington High School	Job# 2153	Date 12/18/21
--------------	-----------------------	-----------	---------------

THIS DOCUMENT IS TO BE USED FOR TRACKING PURPOSES ONLY:

(This document is not intended to constitute an acceptance of additional work to the contract nor does this document infer that the contractor will be compensated for the work performed)

Contractor	PJ KENNEDY
Contractor (Foreman's Signature)	
Contractor Extra Work #	18481
Cost Code	CR243
Time Begin (Consigli Signature Required)	
Time Complete (Consigli Signature Required)	
Work Performed	Remove Temp Water Header from system, drain, & reconnect P.M. 11/12/2021 Loop
Manpower	(2) PIPEFITTERS 13.7 hrs
Materials	SEE ATTACHED

FOR OFFICE USE ONLY

Comments	H.R. & SIKARSKA 12/16/21		
Category (Check One)	<input type="checkbox"/> Internal	<input checked="" type="checkbox"/> Owner	<input type="checkbox"/> Backcharge
Status (Check One)	<input type="checkbox"/> Rejected	<input type="checkbox"/> Accepted	<input type="checkbox"/> Pending
Reference drawing or specification section:			

White: PM

Yellow: Contractor Copy

Pink: Remains



SERVICE ORDER

PATRICK J. KENNEDY & SONS, INC.
 Mechanical Contractors
 39 Gibson Street, Boston, Massachusetts 02122
 (617) 265-5535 Fax (617) 265-5126
 www.pjkennedy.com

Service Location	AHS	Acct. No.	Date	12/8/21	Bill to (<input type="checkbox"/> if same as service location)		
Name	Consigli				Name		
Address	869 Massachusetts Ave				Address		
City	Arlington	State	MA	Zip	City	State	Zip
Contact Person	Thomas DeRosa	Tel. No.			Cust. P.O. No.	Attention	
Purpose of Call							
Contract No.	<input type="checkbox"/> Service Contract <input type="checkbox"/> Charge	<input type="checkbox"/> Warranty <input checked="" type="checkbox"/> Contract Extra	Technician #1	Craig Ovellette	Technician #2	Rob Macrelli	
Service Performed							
Remove temporary water heater from system							
- Drain 120 gallons of water - Demo temp. piping - Re-connect primary + secondary loop into system permanently - Fill and bleed air							
<input checked="" type="checkbox"/> Work Completed		<input type="checkbox"/> Work Incomplete		If Incomplete, Explain			
Recommendation							
QTY.	Description & Part No.	Unit	Total	Lbs.	Environmental Charge	Rate/Lb.	Total
	Truck/Trip Charge				R- Recovered		
10	Pro press coupling (1 1/4)			HRS.	Equipment Charges	Rate	Total
3	1 1/4 Pro press Tee						
6	1 1/4 Pro press 90°						
10'	1 1/4 Type L pipe			HRS.	Labor Description	Rate	Total
					Craig	Straight	7.5 hrs
						Overtime	
					Rob	Straight	6 hrs
						Overtime	
					Total Materials		
					Total Labor		
					Parking & Travel Costs		
					Environmental & Equipment Charge		
					Sales Tax		
					Total of Service Order		
I HEREBY ACKNOWLEDGE THE MAN HOURS AND MATERIALS AS LISTED HEREON AND AGREE TO PAY THE INVOICE ON RECEIPT.							
Accepted by Customer (Authorized Signature)				Printed Name		Date	

12/16/21



Change Request

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR317
Date: 12/23/21
Job: 2153 Arlington High School
Phone:

Description: ASI-187 - Misc. Steel Revisions Bldgs A, B, C_Sub. 011222

Source: ASI # 187

We offer the following specifications and pricing to make the changes as described below:

**CR317R1 includes revised Trimax pricing and responses to associated HMFH/FBRA Review comments on CR317.

CR317 includes costs associated with ASI-187 - Misc. Steel Revisions Bldgs. A, B, C dated 11/22/21 issued by HMFH. Please see attached Trimax pricing for itemized schedule of added/deleted members and associated tonnage.

Assumptions & Qualifications:

- Costs associated with Overtime/Acceleration are not included
- Costs associated with masonry/roof blocking/roofing are not included
- CCC has proceeded with this scope in order to maintain project schedule

Description	Labor	Material	Equipment	Subcontract	Other	Price
TX-COR-1021R1 dated 2/2/22				\$3,826.81		\$3,826.81
					Subtotal:	\$3,826.81
		Bond (.75%)		\$3,826.81		\$28.70
		General Liability (1.2%)		\$3,826.81		\$45.92
		Subguard (1.4%)		\$3,826.81		\$53.58
		OH&P (5% subs, 10% self perform)		\$3,955.01		\$197.75
					Total:	\$4,152.76

☐ SCHEDULE IMPACT

☒ We have proceeded with this change to achieve schedule.

☐ As directed, we will not proceed with this change until formal direction from OWNER is received.

ARCHITECT

Consigli Construction Co., Inc.

CONTRACTOR

72 Sumner Street

Milford, MA 01757

OWNER

(Signature)

Arthur Duffy

By

02/05/2022

Date

(Signature)

John LaMarre

By

2/05/22

Date

(Signature)

Jim Burrows

By

2/7/2022

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

72 Sumner Street, Milford MA 01757 • phone: 508-473-2580 • fax: 508-473-3588 • web: www.consigli.com

Hartford CT • Washington DC • Portland ME • Boston MA • Milford MA • Albany NY • New York NY • Pleasant Valley NY • Ronkonkoma NY

**RECEIVED**

01.14.2022

**FOLEY BUHL ROBERTS
& ASSOCIATES, INC.****Change Request**

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR317
Date: 12/23/21
Job: 2153 Arlington High School
Phone:

FBRA Review
comments in red/yellow.
01/25/2022

Description: ASI-187 - Misc. Steel Revisions Bldgs A, B, C_Sub. 011222

Source: ASI # 187

We offer the following specifications and pricing to make the changes as described below:

CR317 includes costs associated with ASI-187 - Misc. Steel Revisions Bldgs. A, B, C dated 11/22/21 issued by HMFH. Please see attached Trimax pricing for itemized schedule of added/deleted members and associated tonnage.

Assumptions & Qualifications:

- Costs associated with Overtime/Acceleration are not included
- Costs associated with masonry/roof blocking/roofing are not included
- CCC has proceeded with this scope in order to maintain project schedule

Description	Labor	Material	Equipment	Subcontract	Other	Price
TX-COR-1021 dated 1/12/22				\$3,489.11		\$3,489.11
					Subtotal:	\$3,489.11
				Bond (0.5%)		\$26.17
				General Liability (1.2%)		\$41.87
				Subguard (1.4%)		\$48.85
				OH&P % subs, 10% self perform)		\$180.30
					Total:	\$3,786.30

☐ SCHEDULE IMPACT

☒ We have proceeded with this change to achieve schedule.

☐ As directed, we will not proceed with this change until formal direction from OWNER is received.

ARCHITECT

Consigli Construction Co., Inc.

CONTRACTOR

72 Sumner Street

Milford, MA

OWNER

(Signature)

(Signature)

John LaMarre

(Signature)

By

By

011222

By

Date

Date

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

72 Sumner Street, Milford MA 01757 • phone: 508-473-2580 • fax: 508-473-3588 • web: www.consigli.com

Hartford CT • Washington DC • Portland ME • Boston MA • Milford MA • Albany NY • New York NY • Pleasant Valley NY • Ronkonkoma NY

H M
F H

ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS _____

ASI: 187**date:** 11.22.2021**subject:** Misc Steel Revisions Part s, b,c**to:** Chris Weber **from:** Arthur Duffy**project id:** 408417**project:** Arlington High School**distribution:** ☒ Skanska ☐ Consigli
☒ HMFH Architects ☒ Other: FBRA**reference:** Drawings: S2.1a, S2.2b, S2.2c, S2.3b, S6.2.1, S6.2.12, S7.2.4**attachments:** Sketches SKS-274 to SKS-278OFFICE. (617) 492 2200
FAX. (617) 876 9775130 Bishop Allen Drive
Cambridge, MA 02139

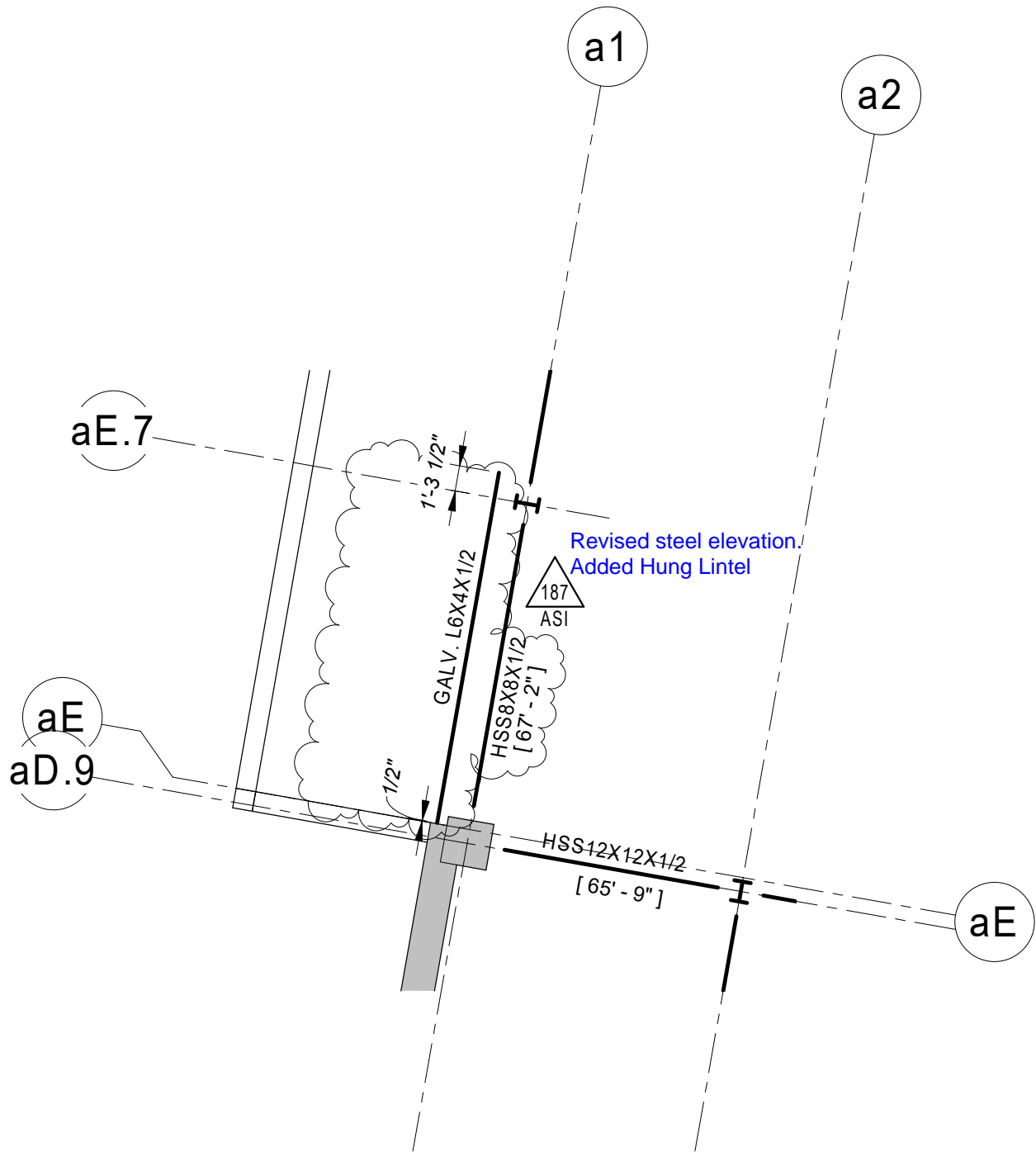
hmfh.com

The Work shall be carried out in accordance with the following Supplemental Instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgement that there will be no change in the Contract Sum or Contract time.

Miscellaneous Revisions to steel Part a,b and c.

Revisions will be annotated on steel shop drawings that have not yet been returned (seq 46).

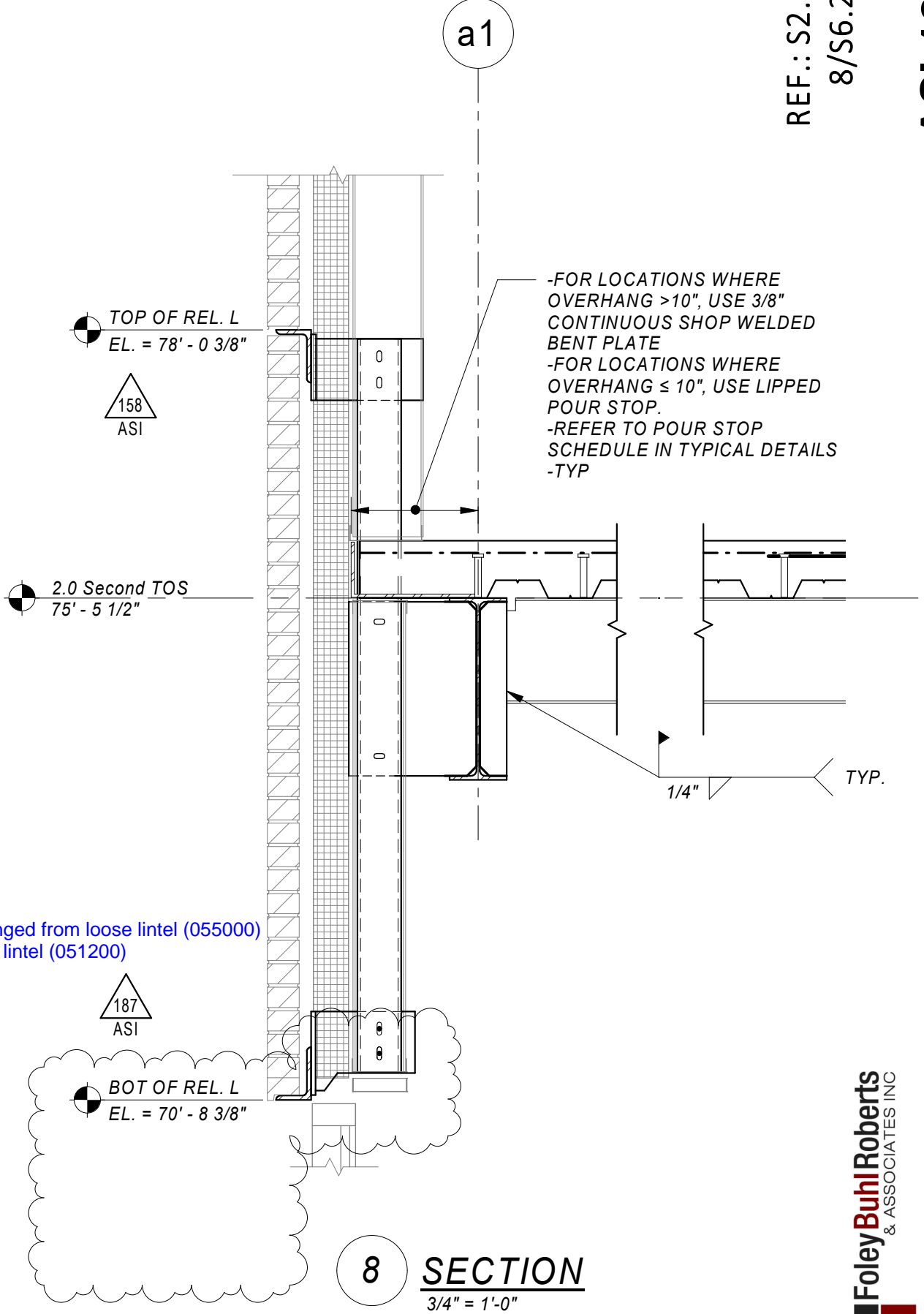
See comments on sketches for previous sequence pieces affected.



UPPER FIRST FLOOR FRAMING PLAN - PART A

1/8" = 1'-0"

Angle changed from loose lintel (055000)
to be hung lintel (051200)



8 SECTION
3/4" = 1'-0"

REF.: S2.1a
8/S6.2.1

ASI 187

CCC - CR317R1
DRAWING NUMBER
SKS
274
JOB NUMBER
2017172

ARLINGTON HIGH SCHOOL
Massachusetts Avenue, Arlington, Massachusetts
Revision to Part A Upper First Floor and Sect 8/S6.2.1-
Updated HSS Beam EL and new Relieving Angle

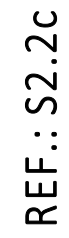
FoleyBuhlRoberts
& ASSOCIATES INC
structural
engineers
T 617-527-9600
F 617-527-9606
www.fbra.com

2150 Washington St.
Newton MA 02462

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

HMFH



ASI 187

DRAWING NUMBER

SKS
275

JOB NUMBER 20171172

SCALE: 1/8" = 1'-0" DATE: 11/15/21 DRAWN: JEG CHECKED: JEG

HMFH ARCHITECTS

**130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com**

Foley Buhl Roberts
+ structural & ASSOCIATES INC

T 617-527-9600
F 617-527-9606
www.fbra.com
2150 Washington St.
Newton MA 02462

$$1/8'' = 1'-0''$$

REF.: 1/S7.2.4

ASI 187
DRAWING NUMBER
SKS
276

JOB NUMBER
2017172

ARLINGTON HIGH SCHOOL
Massachusetts Avenue, Arlington, Massachusetts
Revision to Section 1/S7.2.4 - Updated hoist beam
elevation

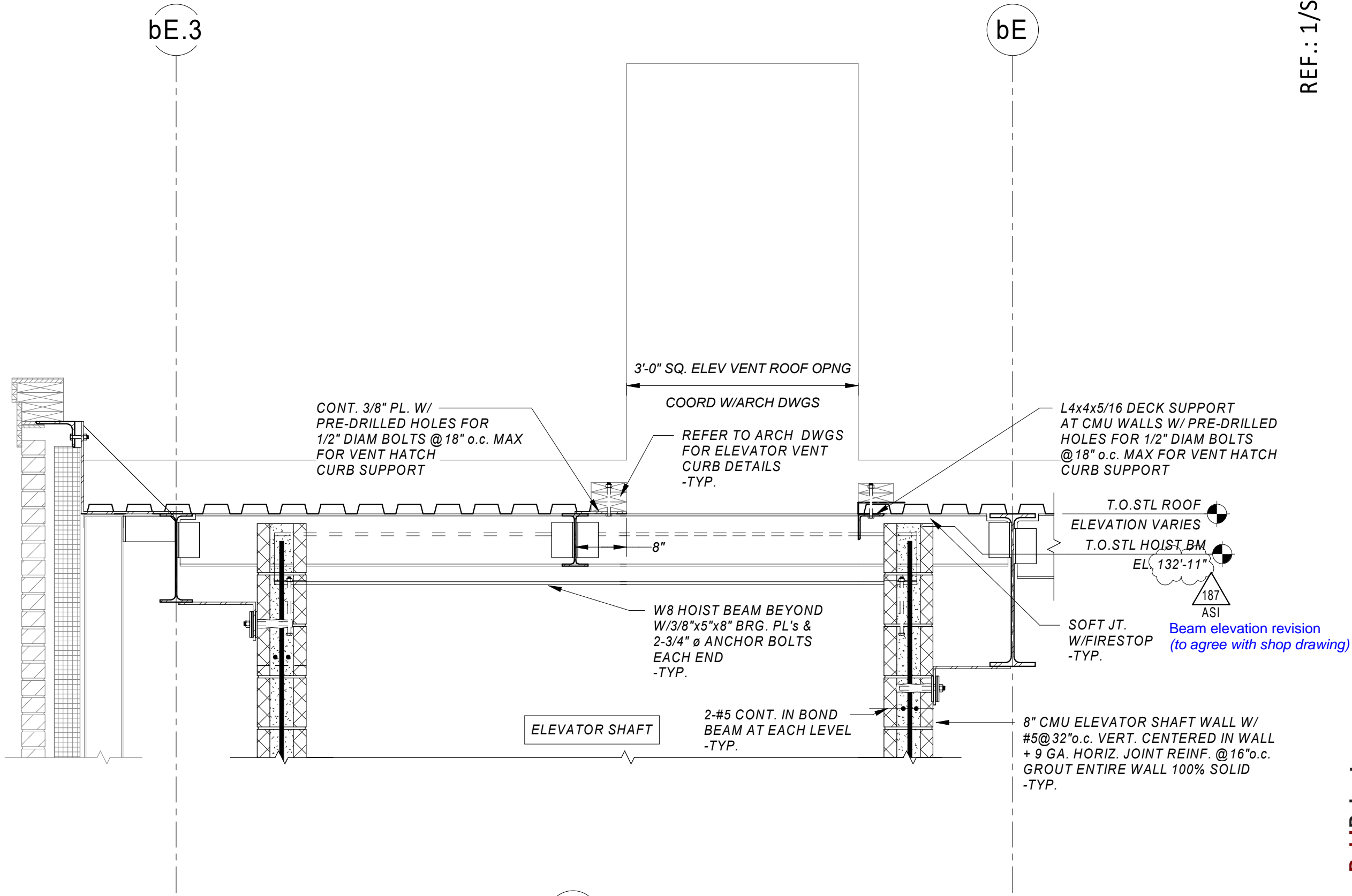
SCALE: 3/4" = 1'-0" DATE: 11/15/21 DRAWN: JEG CHECKED: JEG

FoleyBuhlRoberts
& ASSOCIATES INC
structural
engineers
T 617-527-9600
F 617-527-9606
www.fbra.com
2150 Washington St.
Newton MA 02462

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

HM
FF



1 **SECTION**
3/4" = 1'-0"

2153

REF.: S2.2b
3/S6.2.12

CCC - CR317R1
DRAWING NUMBER
SKS
277
JOB NUMBER
2017172

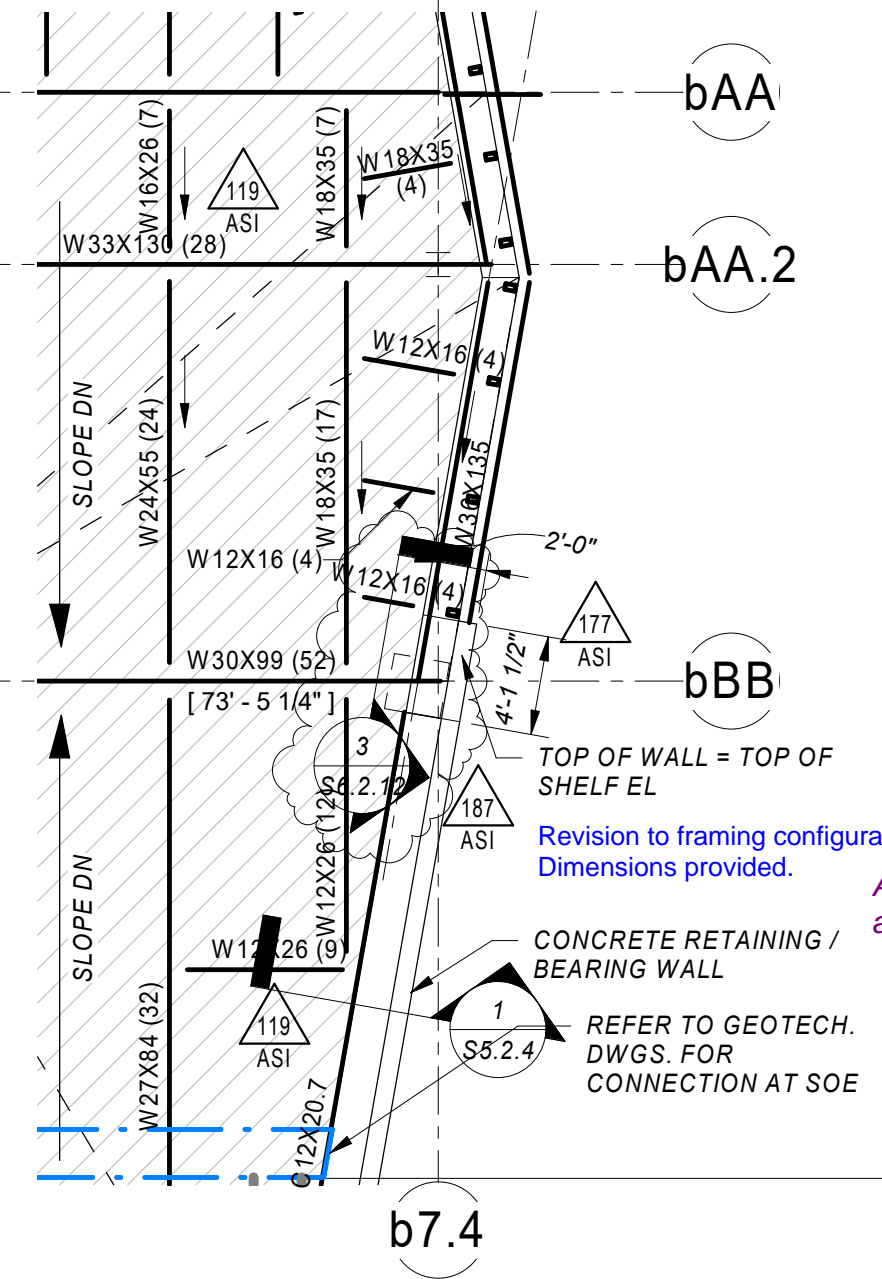
ASI 187

ARLINGTON HIGH SCHOOL
Massachusetts Avenue, Arlington, Massachusetts
Revision to Part B 2nd Floor - Updated Framing at
Pilaster b7.3-bBB and New Section 3/S6.2.12

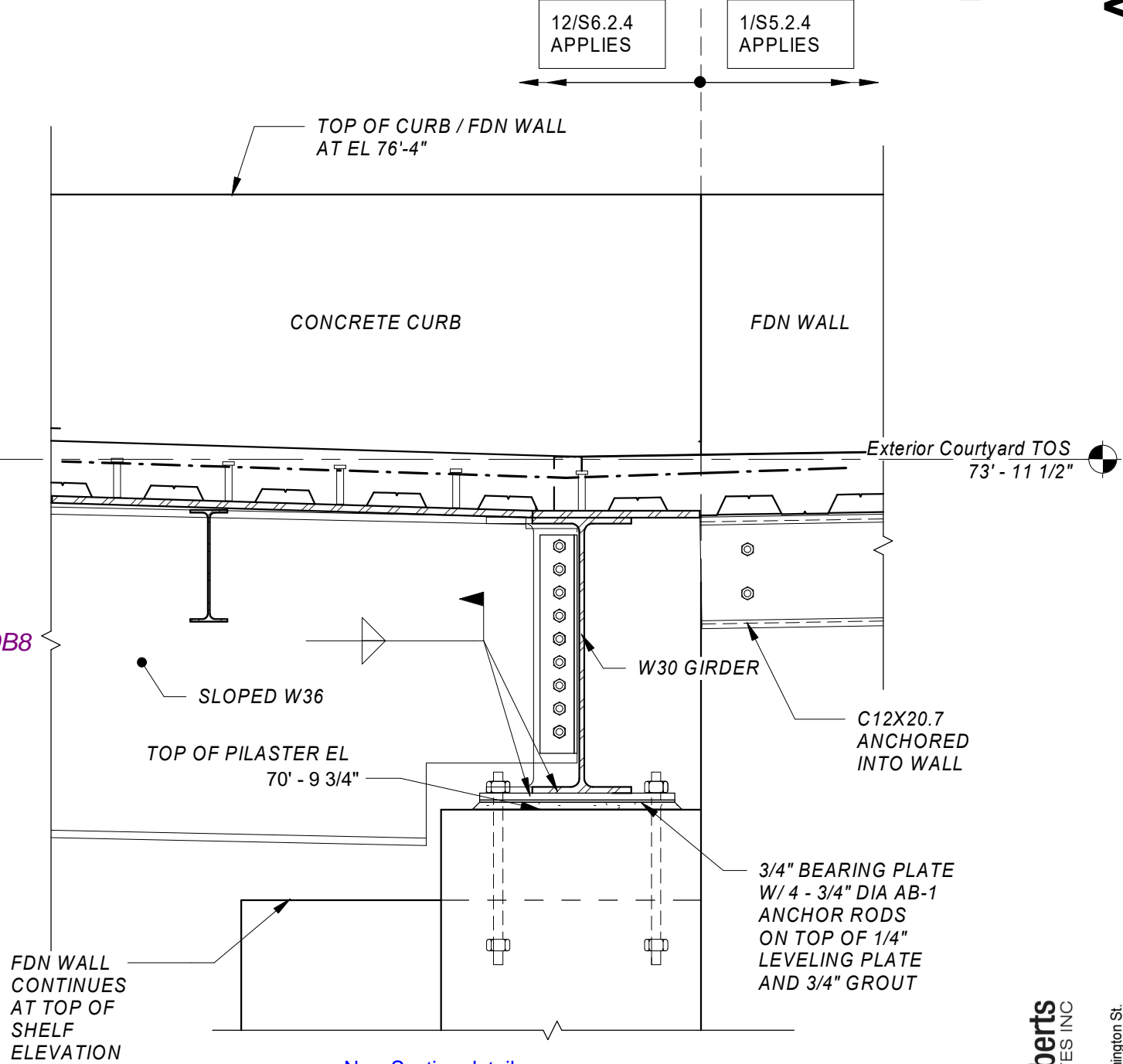
FoleyBuhlRoberts
& ASSOCIATES INC
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HMFH ARCHITECTS
130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

HMFH

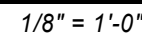
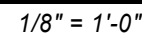


SECOND FLOOR FRAMING PLAN - PART B
1/8" = 1'-0"



New Section detail
(beam frames into beam rather than into pilaster)

3 SECTION
3/4" = 1'-0"
187 ASI



ASI 187

CCC - CR317R1

DRAWING NUMBER

SKS

JOB NUMBER	2017172
------------	---------

SCALE: 1/8" = 1'-0" DATE: 11/19/21 DRAWN: JEG CHECKED: JEG

HMFH ARCHITECTS

H M F H
130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

@HMFHarch hmfh.com



Foley Buhl Roberts
& ASSOCIATES INC

T 617-527-9600
F 617-527-9606
www.fbra.com

TX-COR-1021 (ASI-187)

CHANGE ORDER REQUEST

2022-01-11 21008 ARLINGTON PHASE 2 & 3
Date Folder Project

CONSIGLI CONSTRUCTION CO INC.
Client

Description

Cost adjustments for ASI-187

CODE	QUANTITY	DESCRIPTION	ITEM	UNIT PRICE	PRICE
	444,0 lbs	Steel - NM		1,35	599,40
	2,0 hrs	Fabrication - NM		85,00	170,00
	,2 hrs	Installation -NM		1 650,00	330,00
	322,0 lbs	Galvanisation - NM		0,45	144,90
	19,0 hrs	Drafting - NM		65,00	1 235,00
	5,0 hrs	Engineering - NM		120,00	600,00
	1,0	Bonding - NM		26,00	26,00
	3,0 hrs	Coordination - NM		110,00	330,00
	444,0 tr	Site Transport - NM		0,10	44,40

PRICE GOOD FOR 10 DAYS

If a P.O. is necessary to proceed with the above mentioned work, please forward immediatly via fax before beginning of work. If we do not receive a P.O. we will consider that you accept our price and that you authorize us to perform the extra work wich will be fully paid and compasated.

SUBTOTAL (USD) : 3 478,92 ✓

10,0% overhead&Profit : 347,89 ✓

TOTAL (USD) : 3 826,81 ✓

Arlington High School
TX-COR-1021 - ASI-187

[illegible]

TX-COR-1021 (ASI-187)

CHANGE ORDER REQUEST

2022-01-11 21008 ARLINGTON PHASE 2 & 3
Date Folder Project

CONSIGLI CONSTRUCTION CO INC.
Client

Description

Cost adjustments for ASI-187

CODE	QUANTITY	DESCRIPTION	ITEM	UNIT PRICE	PRICE
	444,0 lbs	Steel - NM		1,35	599,40
	2,0 hrs	Fabrication - NM		85,00	170,00
	,2 ton	Installation -NM		115,00	23,00
	322,0 lbs	Galvanisation - NM		0,45	144,90
	19,0 hrs	Drafting - NM		65,00	1 235,00
	5,0 hrs	Engineering - NM		120,00	600,00
	1,0	Bonding - NM		26,00	26,00
	3,0 hrs	Coordination - NM		110,00	330,00
	444,0 tr	Site Transport - NM		0,10	44,40

does this apply to this change?

Yes

Installation typically has a unit price of 1650? Is this a mistake?

Yes, should be \$1650/ton.

Check hours for drafting and engineering. Drafting cost is more than 2x the steel cost? Engineering cost is the same as the steel cost?

Drafting/engineering/coordination time are accurate. These are based on actual changes in ASI and not tonnage.

Do not apply "typical" Fabrication/Installation/Drafting/Engineering cost/tonnage to the SKS-275 tonnage because the change in steel size has negligible impact these items.

Already the case. Fabrication and install only accounts for added relieving angle on SKS274.

PRICE GOOD FOR 10 DAYS

If a P.O. is necessary to proceed with the above mentioned work, please forward immediatly via fax before beginning of work. If we do not receive a P.O. we will consider that you accept our price and that you authorize us to perform the extra work wich will be fully paid and compasated.

SUBTOTAL (USD) : 3 171,92

10,0% overhead&Profit : 317,19

TOTAL (USD) : 3 489,11

EXTRA					CREDIT					
Location	QTY	Description	length (FT)	Total weight		QTY	Description	length (FT)	Total weight	Comments
SKS274										
1-L6x4x1/2 Added	1	L6x4x1/2 17,9	18	322,20						Galv
SKS-275										
1-W12x16 Changed to W12x19	1	W12x 19	16	304,00		1	W12x 16	16	256,00	
	2					1				
Total:					Total:					256,00
Material loss:										



Change Request

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR323
Date: 1/5/22
Job: 2153 Arlington High School
Phone:

Description: RFI-582 - Electric Boiler Emergency Disconnect Switch (Building E/B)_T&M_Sub. 020922

Source: RFI # 582

We offer the following specifications and pricing to make the changes as described below:

CR323 includes costs associated with RFI-582 - Electric Boiler Emergency Disconnect Switch Bldg. E-B response dated 1/4/22 issued by HMFH. Per RFI-582 direction, WJGEI furnished/installed (3) EPO switches at Mechanical Room S2-14 (Bldg. E) in locations as directed on T&M basis. Please see attached pricing and associated backup for additional information.

Assumptions & Qualifications:

- CCC has proceeded with this scope change in order to maintain project schedule
- CR323 includes costs associated with F&I of EPO switches in Bldg E Locations only. Bldg. B locations to be submitted under separate cover.
- Costs associated with patching/repair of adjacent finishes are not included

Description	Labor	Material	Equipment	Subcontract	Other	Price
WJGEI - Proposal #110 dated 2/3/22				\$6,018.92		\$6,018.92
					Subtotal:	\$6,018.92
			Bond (.75%)	\$6,018.92		\$45.14
			General Liability (1.2%)	\$6,018.92		\$72.23
			Subguard (1.4%)	\$6,018.92		\$0.00
			OH&P (5% subs, 10% self perform)	\$6,136.29		\$306.81
					Total:	\$6,443.10

☐ SCHEDULE IMPACT

☒ We have proceeded with this change to achieve schedule.

☐ As directed, we will not proceed with this change until formal direction from OWNER is received.

ARCHITECT

Consigli Construction Co., Inc.

CONTRACTOR
72 Sumner Street
Milford, MA

OWNER

(Signature)

Arthur Duffy

By

02/14/2022

Date

(Signature)

John LaMarre

By

2/8/22

Date

(Signature)

Jim Burrows

By

2/15/2022

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

72 Sumner Street, Milford MA 01757 • phone: 508-473-2580 • fax: 508-473-3588 • web: www.consigli.com
Hartford CT • Washington DC • Portland ME • Boston MA • Milford MA • Albany NY • New York NY • Pleasant Valley NY • Ronkonkoma NY

Electric Boiler Emergency Disconnect Switch (Building E/B) (PJK RFI #75)

TO:	Stephanie MacNeil (HMFH Architects) Arthur Duffy (HMFH Architects)	FROM:	Kevin Samya (Consigli Construction Co., Inc.) 72 Sumner Street Milford, Massachusetts 01757
DATE INITIATED:	12/22/2021	STATUS:	Open
LOCATION:		DUE DATE:	12/27/2021
COST CODE:		REFERENCE:	PJK RFI #75
COST IMPACT:	TBD	SCHEDULE IMPACT:	TBD
DRAWING NUMBER:	M4.1, E2.2e, E2.0b	SPEC SECTION:	230000 - Heating, Ventilating, and Air Conditioning (HVAC)
RECEIVED FROM:	William Gray (P.J. Kennedy & Sons)		

COPIES TO:

CA Bala (Bala Consulting Engineers), Gil Castera (Bala), Victoria Clifford (Skanska USA Inc.), Greg Cmar (Interval Data Systems), Patrick Condon (Consigli Construction Co., Inc.), Ken Davis (Bala Consulting Engineers), Tom DeRosa (Consigli Construction Co., Inc.), David Dockendorf (Consigli Construction Co., Inc.), Arthur Duffy (HMFH Architects), Jim Fikiet (Skanska USA Inc.), Ryan Flynn (Bala Consulting Engineers), Vianely Franco (HMFH Architects), Kevin Fuller (Interval Data Systems), Mike Gagne (Interval Data Systems), Bill Gnerre (Interval Data Systems), George Hines (Bala Consulting Engineers), William Lentz (Bala Consulting Engineers), Stephanie MacNeil (HMFH Architects), Chuck McWilliams (Consigli Construction Co., Inc.), Reid Mullett (Rist-Frost-Shumway Engineering (RFS)), Brandon Mynter (Consigli Construction Co., Inc.), Sy Nguyen (Skanska USA Inc.), Fran Patnode (Rist-Frost-Shumway Engineering (RFS)), Hal Raymond (Skanska USA Inc.), Richard Rivera (Bala Consulting Engineers), Kevin Samya (Consigli Construction Co., Inc.), Mason Saunders (Consigli Construction Co., Inc.), Chris Weber (Consigli Construction Co., Inc.)

Question from Kevin Samya (Consigli Construction Co., Inc.) at 03:12 PM on 12/22/2021

Please reference the attached PJK RFI #75. Please reference HVAC Drawing M4.1 and the associated Electrical Drawings E2.2e and E2.0b.

The Electrical Boilers in Mechanical Room S2-14 require an "Emergency Disconnect Switch" at the exits of the room. Startup of the equipment cannot be completed until the switch is furnished and installed by a certified electrician. There is no information in the specifications or drawings identifying ownership and locations of these devices.

The HVAC Contractor has proposed (2) device locations in the attached document that need to be confirmed acceptable by AHJ. Design team to provide insight on devices.

Please Note - Mechanical Room S1-08 on Level 1 of Building B also has an Electric Boiler that requires the same "Emergency Disconnect Switch".

Attachments:

[RFI #582 - Electric Boiler Emergency Disconnect Switch \(Building E-B\) \(PJK RFI #75\).pdf](#)

Awaiting an Official Response

All Replies:

Emergency Disconnect Switches for Electric Boilers are required and should be added at both Mechanical Rooms. Refer to attached Sketches SKE-41A & 41B. Switches shall be push button type with "Emergency Boiler Shut-Down" text on device (by Pilla Electrical Model BSD120 or equal) installed in approximate locating shown at an elevation of 48" above finished floor. Switches located in common corridors shall be provided with tamper-proof plastic transparent covers.

J. Ryan Flynn/Ken Davis - BALA
1/04/2022

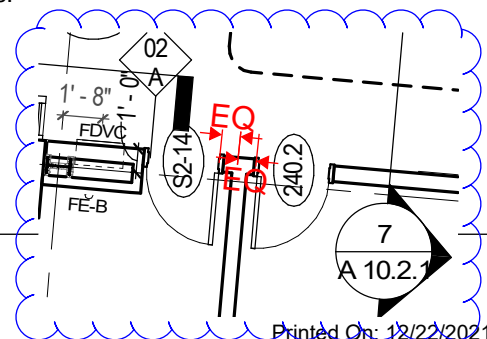
The switch at Corridor C2-15 is to be located centered within the width of tile between doors S2-14 and 240.2.

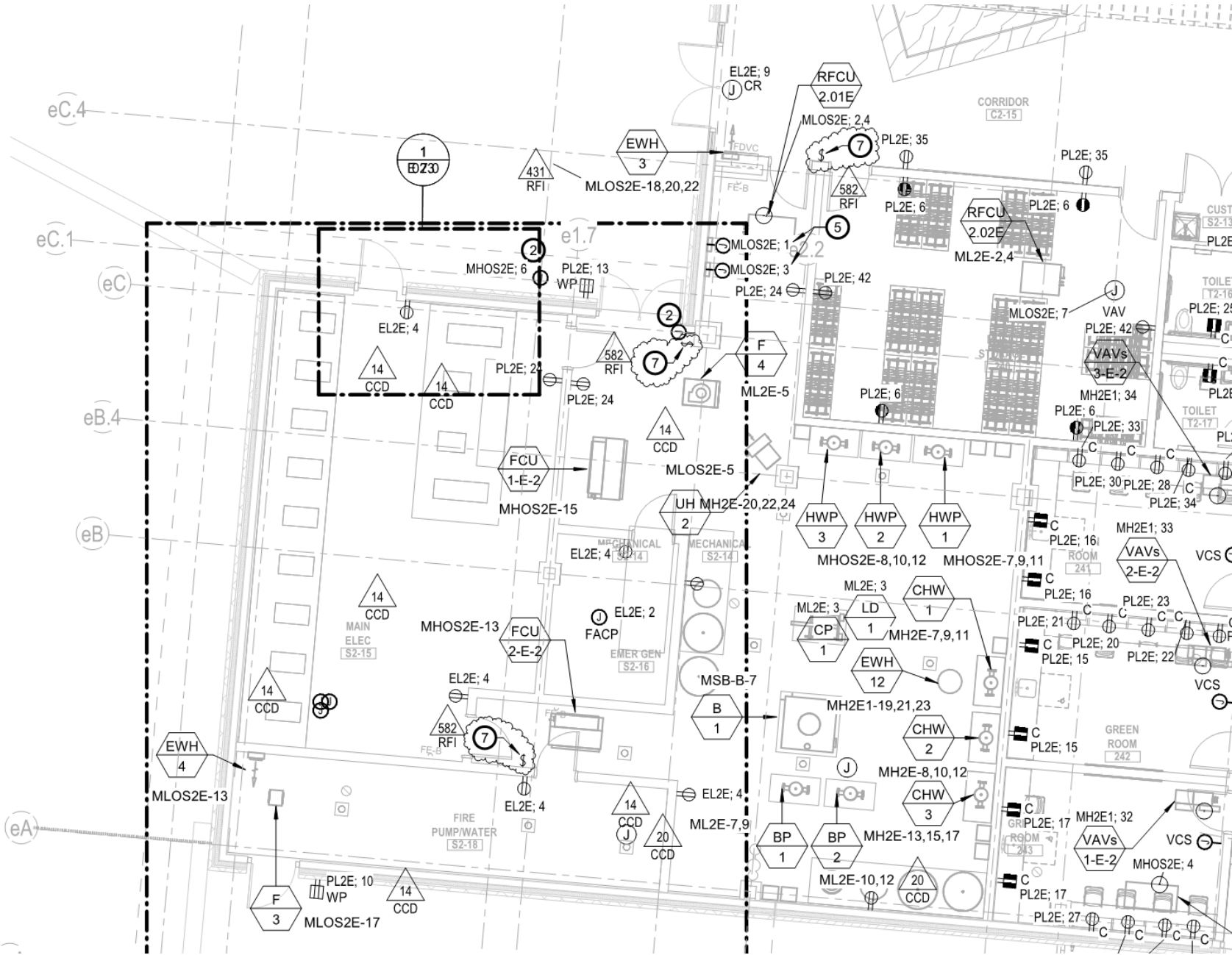


BY

01/04/2022

DATE





SHEET NOTES	
1	CONDUIT AND WIRING TO ASSOCIATED MOTORIZED SHADE CONTROLLER ON THIRD FLOOR.
2	CONNECT TO HEAT TRACE CABLE AND CONTROLLER
3	CONDUIT AND WIRING TO ASSOCIATED MOTORIZED PROJECTION SCREEN.
4	RECEPTACLES FOR FUTURE THEATRICAL LIGHTING; REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT AND EXACT LOCATIONS.
5	CONNECT TO ATC PANELS
6	CONNECT TO HEAT TRACE CONTROL PANEL FOR FP MAIN AND PIPING TO TEMPORARY BRIDGE
7	SWITCH TO DISCONNECT BOILER WIRE BACK CONTROL PANEL.

BALA
ENGINEERS

BALA CONSULTING ENGINEERS, INC.
57 TEMPLE PLACE
BOSTON, MA 02111-1306
TEL: 617.552.1100
WWW.BALA.COM

PHILADELPHIA | NEW YORK | BOSTON | BALTIMORE
MINNEAPOLIS | SEATTLE | CHICAGO
SAN FRANCISCO | LOS ANGELES
HOUSTON | DALLAS | MIAMI | WASHINGTON
ATLANTA | DENVER | COLORADO SPRINGS

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

HM
FH

Arlington High School

POWER AND SYSTEMS SECOND FLOOR- MECHANICAL
ROOM - RFI 582

REF. DWG. E2.2e RFI-582

DRAWING NUMBER
**SKE
41B**
JOB NUMBER
6017442

DATE: 01/04/22 DRAWN: Author/CHECKED: Checker

SCALE:



Patrick J. Kennedy & Sons, Inc.

MECHANICAL CONTRACTORS

39 Gibson Street
Boston, MA 02122-1222
Ph : (617)265-5535

REQUEST FOR INFORMATION

Number: 75

Date: 12/20/2021

Phone:

Job: 2020-21 Arlington HS Main Package

To: Kevin Samya
Consigli Construction Co. Inc.
72 Sumner Street
Milford, MA 01757
Ph: 857-300-6900

CC:

Subject: Electric Boiler Emergency Disconnect Switch

Drawing:

Cost Impact: None

Spec Section:

Schedule Impact: None

Request:

Date Required:

The electric boiler requires an "Emergency Disconnect Switch" be installed. Startup cannot be completed until a switch is installed. Please confirm that electrician can install switch(s) per attached plan. Switch location(s) to be confirmed by AHJ.

Requested by: Bill Gray
Patrick J. Kennedy & Sons, Inc

Response:

Answered by

Company

Date

SWITCH LOCATION(S)
TO BE CONFIRMED BY
AHJ

ATC CONTROL PANELS

e1.7

e2.2

F
4

RFCL
2.015

30"x18"

FIRE DAMPER
40"x12"

FCU
1-E-2

H
40x12
151/5

G
30x14
151/5

FIRE DAMPER

G
14x14
775

H
38x12
775

FIRE DAMPER

FCU
2-E-2

GLYCOL FEED
TANK SET

SWIRL GUN
(15-20)

ET
4

ET
5

FIRE DAMPER
40"x12"

44"x14"

UH
2

1 1/4" HWS

14
CCD

PUMP HWP-SVPD

HWP
3

HWP
2

1 1/4"

1 1/4"

AS
ACBF

HX

14
CCD

1 1/4"

MECHANICAL
TEST

AS
ACAF

B
1

CCC Submittal
#230000-042
2153
CCC RFI #582

4

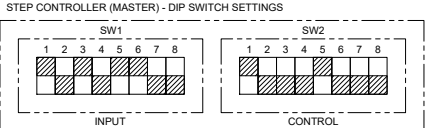
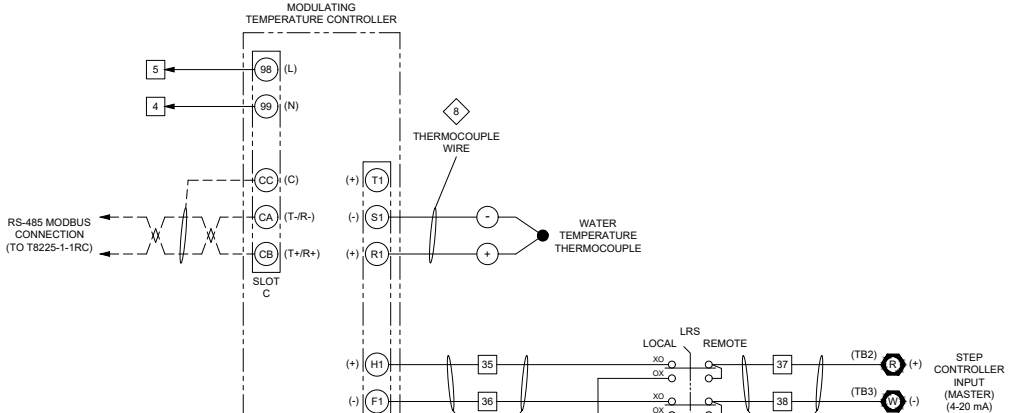
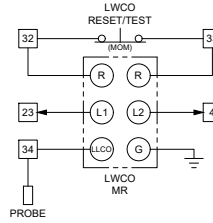
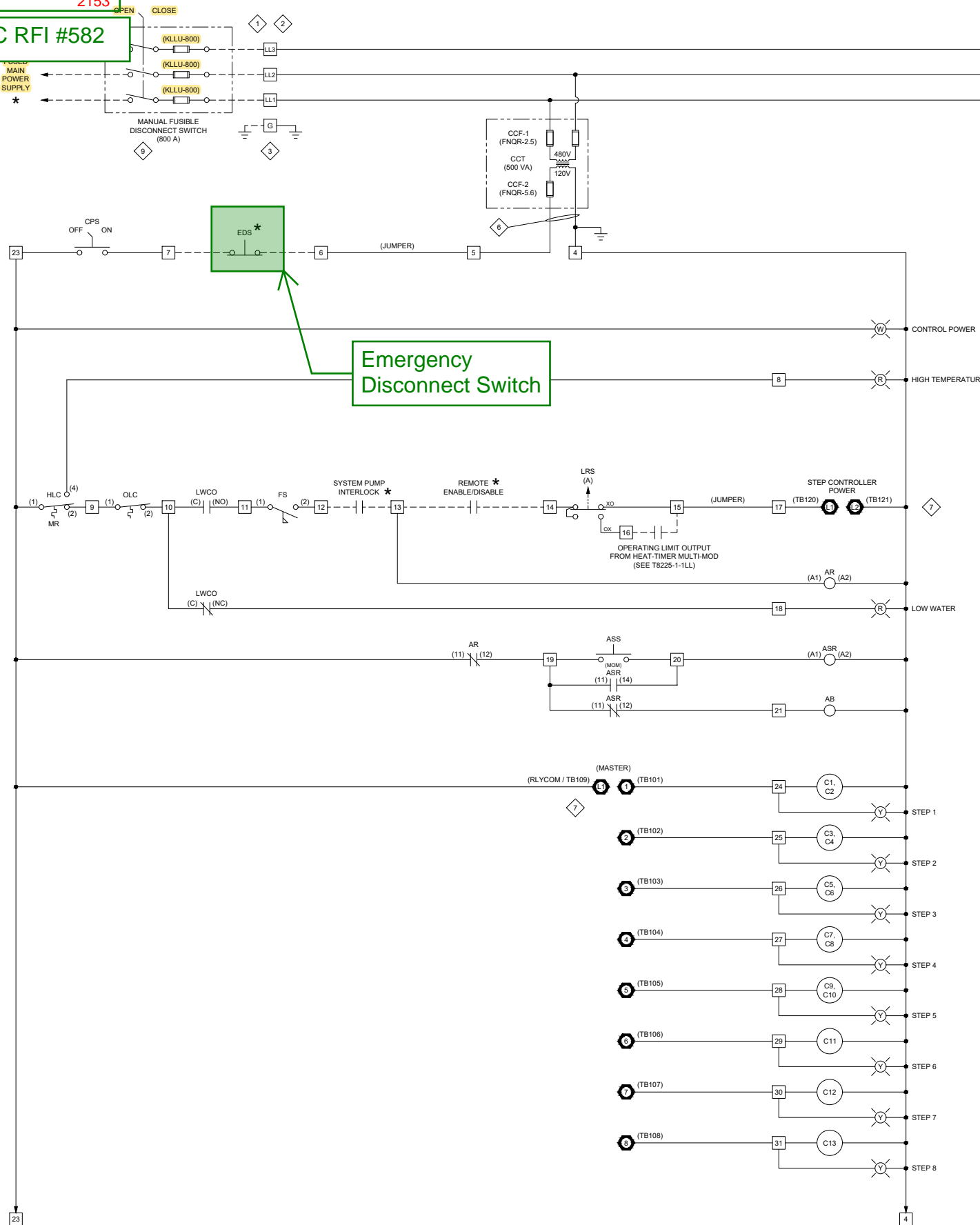
3

2

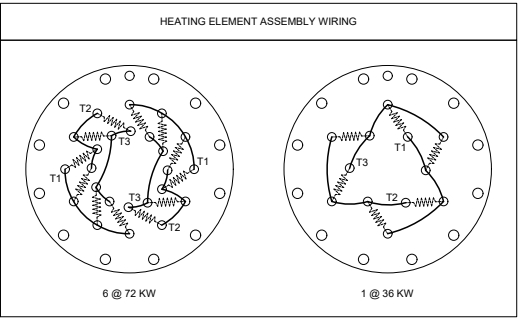
1

CCC - CR323

THIS DRAWING IS PROPERTY OF CLEAVER-BROOKS, INC. IT IS SUBJECT TO CHANGE WITHOUT NOTICE AND IS NOT TO BE COPIED OR USED IN ANY WAY DETRIMENTAL TO THE COMPANY.



INDICATES "ON"
INDICATES "OFF"



- NOTES:**
- 1 CUSTOMER'S POWER SUPPLY CIRCUIT WITH PROTECTIVE DEVICE AS REQUIRED. SUGGESTED WIRING: (2) # 500 MCM CU WIRES PER PHASE, PER NEC TABLE 310.15(B)(16), BASED ON 75°C INSULATION WITH 125% CORRECTION.
 - 2 MAIN POWER SUPPLY CONNECTION LUGS WILL ACCEPT UP TO (4) # 500 MCM CU WIRES PER PHASE.
 - 3 GROUND LUGS, LOCATED ADJACENT TO MAIN POWER CONNECTION LUGS, WILL ACCEPT UP TO (2) # 2/0 AWG CU WIRES.
 - 4 HEATER CIRCUIT WIRING TO CONTACTORS: # 6 AWG, THHN, 90°C, UL/CSA
 - 5 HEATER CIRCUIT WIRING TO HEATERS: # 8 AWG, XLPE, 125°C, UL/CSA
 - 6 CONTROL CIRCUIT WIRING: # 16 AWG, MTW, 105°C, UL/CSA
 - 7 STEP CONTROL IS 8-STEP (MASTER) PROGRESSIVE SEQUENCE (SELECTRONIX SLC4000-8).
 - 8 THERMOCOUPLE WIRE MUST BE RUN IN SEPARATE CONDUIT.
 - 9 **DISCONNECT TERMINAL LUGS PROVIDED TO ACCEPT UP TO (3) # 600 MCM CU WIRES PER PHASE. (DUMMY FUSES PROVIDED FOR NON-FUSED APPLICATION.)**
- SCHEMATIC SYMBOLS:**
- DENOTES CONTROL PANEL TERMINALS
 - DENOTES TERMINAL DESIGNATION ON DEVICE
 - ★ EQUIPMENT FURNISHED BY OTHERS
 - FIELD WIRING FURNISHED BY OTHERS
 - STEP CONTROLLER TERMINALS
- CONTROL WIRE COLOR LEGEND:**
- R - 120 VAC
 - B - GREATER THAN 120 VAC
 - O - LOW VOLTAGE AC
 - Y - DRY CIRCUIT
 - G - GROUND CONDUCTOR
 - BL - VOLTAGE DC
 - W - NEUTRAL/GROUNDED CONDUCTOR

REVISIONS		DRAWING		DESCRIPTION	
01	03/04/21	DRN	REVISED DISCONNECT SWITCH TO FUSIBLE 800A (S/L), PER ORDER REV #1.		

WARNING: Changes, modifications, or alterations are strictly prohibited. Changes to this drawing and subsequent modification of equipment could result in damage to the equipment and/or serious personal injury.

ELECTRICAL SPECIFICATIONS		WIRE COLOR		SYMBOL	
HEATING STAGES	5 @ 72 KW, 3 @ 36 KW	YELLOW		Y	
ELEMENT RATING	6 KW / 75 WSI / 480 V	GREEN		GRN	
ELEMENT SHEATH	INCOLOY	RED		R	
ELEMENT QUANTITY	78	BLUE		BL	
CONTACTOR QUANTITY	13	WHITE		W	
MODULATING CONTROLLER CONFIGURATION FILE 81705596_HW_A_STD		BLACK		B	
		BLUE/WHITE		BLU/WH	
		YELLOW/GREEN		YEL/GRN	
		GREEN/YELLOW		GRN/YEL	

ARLINGTON HIGH SCHOOL ARLINGTON, MA T8225		/2	
WIRING DIAGRAM			
SHEET NO: 1 OF 1			

SCALE N.T.S.		DATE 12/11/20	
DRAWN BY DRN		CHECKED BY JMP	
SIZE D		DWG NO: T8225-1-1WD	

CleaverBrooks				
WB	202	468	160HW	CSD-1
MODEL	SIZE	KW	PRESSURE	INSURANCE
480	3	60	3	565
VOLTS	PHASE	HERTZ	WIRE	FLA



INVOICE

116 Hopping Brook Road, Holliston, MA 01746
(508) 429-8830 FAX (508) 429-9251

MA LIC. A8999, 4536A1

CHRIS WEBER
Sold To: CONSIGLI CONSTRUCTION CO.
72 SUMNER STREET
MILFORD, MA 01757

Work Done At: ARLINGTON HIGH SCHOOL
869 MASS AVENUE
ARLINGTON, MA 02476

JOB NO. 02698-00-20	PO Nbr	Terms Net 30 Days	PLEASE REMIT BY INVOICE NUMBER	P0110.	Invoice Date 2/3/2022
------------------------	--------	----------------------	-----------------------------------	--------	--------------------------

DESCRIPTION OF WORK:

RE: Job#2698- Arlington High School
Proposal#P0110.

CR323

As directed by RFI #582 under ~~CR 244.1~~, provide labor services to install an Emergency Disconnect EPO Shut Off in Building E Mechanical Room S2-14.

INVOICE TOTAL

6,018.92



Terms: Net 30 Days with 1.5% Interest on all Unpaid Balance over 30 days



WAYNE J.
GRIFFIN ELECTRIC
INC.

February 4, 2022

VIA EMAIL ONLY: cweber@consigli.com

Mr. Chris Weber, Project Manager
Consigli Construction Company, Inc.
72 Sumner Street
Milford, MA 01757

RE: Job #2698 - Arlington High School, Arlington, MA
Proposal #110

Dear Mr. Weber:

In accordance with the field change order signed by you, the contract should be modified to include the following revision per our enclosed detailed backup:

DESCRIPTION OF WORK:

As directed by RFI #582 under ~~CR-244.1~~ **CR323**, provide labor services to install an emergency disconnect EPO shut off in Building E Mechanical Room S2-14.

The material pricing enclosed is based on industry recognized standardized unit rates obtained from R.S. Means, as agreed to for your review, approval and acceptance. The labor hours are as signed for and acknowledged by your on-site representative.

Total \$ 6,018.90 ✓

Please issue a written change order as the work above has been completed. The value included in this field change order does not include any amounts for changes in the sequence of work, disruptions, interference and/or impacts, and the right is expressly reserved to recover any and all of these related items prior to any final settlement of this contract. The working relationship between your company and ours shall be in accordance with our mutually agreed to contract form.

Corporate Headquarters:

116 Hopping Brook Road
Holliston, MA 01746
Phone: (508) 429-8830
Fax: (508) 429-7825

Regional Offices:

296 Cahaba Valley Parkway
Pelham, AL 35124
Phone: (205) 733-8848
Fax: (205) 733-8107

1950 Evergreen Boulevard
Suite 300
Duluth, GA 30096
Phone: (678) 417-9377
Fax: (678) 417-9373

2310 Presidential Drive
Suite 101
Durham, NC 27703
Phone: (919) 627-9724
Fax: (919) 627-9727

9801-C Southern Pine Boulevard
Charlotte, NC 28273
Phone: (704) 522-3851
Fax: (704) 522-3856

If you have any questions regarding the above, please do not hesitate to contact me at (508) 306-5313 or wpease@wjgei.com.

Very truly yours,

WAYNE J. GRIFFIN ELECTRIC, INC.



Wayne A. Pease
Senior Project Manager

WP/jav

ACKNOWLEDGMENT: The contract modifications stated for the above field change are acceptable for the work already performed. The value of the work completed to the date of the next requisition may be billed on that requisition.

Date: _____ Authorized Signature: _____

cc: John LaMarre, Senior Project Manager, Consigli Construction Company, Inc.,
JLaMarre@consigli.com
George Gray, Project Engineer, Wayne J. Griffin Electric, Inc.
Jeremiah Kimball, Project Foreman, Wayne J. Griffin Electric, Inc.



CCN#: P-0110, CR 244.1 Boiler EPO
 Date: 2/2/2022
 Project Name: Arlington High School
 Project Number: 02698-00-20
 Page Number: 1

116 Hopping Brook Road, Holliston, MA 01746
 (508) 429-8830 FAX (508) 429-9251

Work Description

CR323

As directed by RFI #582 under ~~CR 244.1~~, provide labor services to install an Emergency Disconnect EPO Shut Off in Building E Mechanical Room S2-14.

Itemized Breakdown

Description	Qty	Net Price	UM	Materials (\$)	Labor	Total Hours
Labor 1/10/22 - 1/24/22	1.00	0.0000	E	0.000	22.000	22.000
3/4" EMT Pipe	200.00	1.7813	E	356.250	0.000	0.000
3/4" EMT Connectors	10.00	1.0500	E	10.500	0.000	0.000
3/4" EMT Couplings	25.00	2.4000	E	60.000	0.000	0.000
#12 THHN Wire	600.00	0.2520	E	151.190	0.000	0.000
3/4" EMT Mini Support	20.00	0.3600	E	7.200	0.000	0.000
Tek Screws	50.00	0.2730	E	13.650	0.000	0.000
4" Square Box	4.00	5.2000	E	20.800	0.000	0.000
4" Square Cover	1.00	0.9800	E	0.980	0.000	0.000
EPO Shut Off	3.00	298.7567	E	896.270	0.000	0.000
Freight	1.00	65.0000	E	65.000	0.000	0.000
Phase Totals				1,581.84		22.00
Totals				1,581.84		22.00
Tax				0.00		
Materials with Tax				1,581.84		

Summary

Itemized Breakdown Total			1,581.86	✓
Electrical Foreman Overtime	(2.0000 hrs @ \$134.85 / hr)	269.70		
Electrical Journeyman Overtime	(20.0000 hrs @ \$134.85 / hr)	2,697.00		
			2,966.70	✓
Labor Burden	(\$2,966.70 @ 30.00%)	890.01		
		890.01		✓
Overhead & Profit	(\$5,438.57 @ 10.00%)	543.86		
		543.86		✓
Bond	(\$5,982.43 @ 0.61%)	36.49		
		36.49		✓
			1,470.36	✓
Total			\$6,018.92	✓



CONSIGLI

Est. 1905

SLIP TRACKING

REF.

CCC - CR323

462

Project Name	Arlington High School	Job# 2153	Date	1/3/22
--------------	-----------------------	-----------	------	--------

THIS DOCUMENT IS TO BE USED FOR TRACKING PURPOSES ONLY:

(This document is not intended to constitute as acceptance of additional work to the contract nor does this document infer that the contractor will be compensated for the work performed)

Contractor	WJGEI
Contractor (Foreman's Signature)	
Contractor Extra Work #	CR323
Cost Code	CR244.1
Time Begin (Consigli Signature Required)	
Time Complete (Consigli Signature Required)	
Work Performed	OT FOR RFI WJ2 EEC BULK ERO (PHASE I E ONLY)
Manpower	22 hrs
Materials	SEE ATTACHED

FOR OFFICE USE ONLY

Comments	H.R. SKANSKA 1/25/22		
Category (Check One)	<input type="checkbox"/> Internal	<input type="checkbox"/> Owner	<input type="checkbox"/> Backcharge
Status (Check One)	<input type="checkbox"/> Rejected	<input type="checkbox"/> Accepted	<input type="checkbox"/> Pending
Reference drawing or specification section:			

White: PM

Yellow: Contractor Copy

Pink: Remains

WAYNE J. GRIFFIN ELECTRIC INC. 116 HOPPING BROOK ROAD HOLLISTON, MA 01746 TEL: 508-429-8830 FAX 508-429-7825				WORK AUTHORIZATION				Check one:	
Consigli 72 Summer Street Milford MA, 01757				Overtime for RFI 582 Electric Boiler EPO Note this is only phase 1 E building EPO				<input checked="" type="checkbox"/> Time & Material	
PREWORK AUTHORIZATION AUTHORIZED SIGNATURE:				Chris Weber, VIA EMAIL DATED 1/3/2022 Date: 1-3-22				<input type="checkbox"/> Service Division <input type="checkbox"/> Other - Specify <input type="checkbox"/> Emergency Call <input type="checkbox"/> Customer PO	
YOU ARE HEREBY AUTHORIZED TO PERFORM THE ABOVE ADDITIONAL WORK UNDER THE SAME CONDITIONS AS SPECIFIED IN THE ORIGINAL CONTRACT PROPOSAL UNLESS OTHERWISE STIPULATED.									
MATERIAL AND LABOR BREAKDOWN									
	Reference CR323								
200'	3/4 EMT			20	3/4 mini EMT support				
	10 EMT connector			50	tek screws				
	25 EMT coupling								
200'	Black #12 THHN								
200'	White #12 THHN								
200'	Green #12 THHN								
4	4" square								
1	4" blank plates								
3	EPO shut off								
TIME AND LABOR RECORD									
Worker:	Date:	Hours:	Worker:	Date:	Hours:	Worker:	Date:	Hours:	
Erik P. Brown	1/10/2022	8							
Erik P. Brown	1/11/2022	8							
Jeremiah Kimball	1/19/2022	2							
Erik P. Brown	1/24/2022	4							
								Total Man Hours 22	
Electronic copy on file								DATE: The Labor and materials listed above are accurate and the work was completed satisfactorily	

Jeremiah Kimball

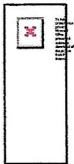
From: Weber, Chris <cweber@consigli.com>
Sent: Wednesday, January 5, 2022 1:41 PM
To: Wayne Pease; Jeremiah Kimball
Cc: Samya, Kevin; LaMarre, John; McWilliams, Chuck; DeRosa, Thomas; Dockendorf, David
Subject: FW: RFI: #582: Electric Boiler Emergency Disconnect Switch (Building E/B) (PJK RFI #75)

Note: This email originated outside Wayne J. Griffin Electric. Use caution with replies, links and attachments. Please forward any suspicious looking email to spamcatcher@wjgei.com.

Wayne/Jeremiah,

Please take this as authorization to proceed with the F&I of boiler emergency disconnect as specified in RFI-582 response below. Please reference CR323 for tracking. Please confirm order being placed ASAP and confirm lead time and ROM estimate for completion of work.

Thanks



Chris Weber
Project Manager
m: 774.573.4072

 cweber@consigli.com

From: Kevin Samya (Consigli Construction Co., Inc.) <Consigli_Notifications@procoretech.com>
Sent: Wednesday, January 5, 2022 10:18 AM
To: Weber, Chris <cweber@consigli.com>
Subject: FW: RFI: #582: Electric Boiler Emergency Disconnect Switch (Building E/B) (PJK RFI #75)

Arlington High School

More details: [View online](#)  [View PDF](#)



From: Kevin Samya (Consigli Construction Co., Inc.)
Date: Wednesday, January 5, 2022 at 10:18 am EST
Sent To: Kim Beagan (Wayne J. Griffin Electric Inc.)
Alyx Carlile (P.J. Kennedy & Sons)
Patrick Condon (Consigli Construction Co., Inc.)



Change Request

To: Jim Burrows
Skanska USA Building Inc.
253 Summer Street
Boston, MA 02210
Ph: 617-574-1524 Fax: 617-574-1399

Number: CR323
Date: 1/5/22
Job: 2153 Arlington High School
Phone:

Description: RFI-582 - Electric Boiler Emergency Disconnect Switch (Building E/B)_T&M_Sub. 020922

Source: RFI # 582

We offer the following specifications and pricing to make the changes as described below:

CR323 includes costs associated with RFI-582 - Electric Boiler Emergency Disconnect Switch Bldg. E-B response dated 1/4/22 issued by HMFH. Per RFI-582 direction, WJGEI furnished/installed (3) EPO switches at Mechanical Room S2-14 (Bldg. E) in locations as directed on T&M basis. Please see attached pricing and associated backup for additional information.

Assumptions & Qualifications:

- CCC has proceeded with this scope change in order to maintain project schedule
- CR323 includes costs associated with F&I of EPO switches in Bldg E Locations only. Bldg. B locations to be submitted under separate cover.
- Costs associated with patching/repair of adjacent finishes are not included

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					Total:	\$6,443.10

☐ SCHEDULE IMPACT

☒ We have proceeded with this change to achieve schedule.

☐ As directed, we will not proceed with this change until formal direction from OWNER is received.

ARCHITECT

Consigli Construction Co., Inc.

CONTRACTOR

72 Sumner Street

Milford, MA

OWNER

(Signature)

Arthur Duffy

By

02/14/2022

Date

(Signature)

John LaMarre

By

2/8/22

Date

(Signature)

Jim Burrows

By

2/15/2022

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

72 Sumner Street, Milford MA 01757 • phone: 508-473-2580 • fax: 508-473-3588 • web: www.consigli.com
Hartford CT • Washington DC • Portland ME • Boston MA • Milford MA • Albany NY • New York NY • Pleasant Valley NY • Ronkonkoma NY

Electric Boiler Emergency Disconnect Switch (Building E/B) (PJK RFI #75)

TO:	Stephanie MacNeil (HMFH Architects) Arthur Duffy (HMFH Architects)	FROM:	Kevin Samya (Consigli Construction Co., Inc.) 72 Sumner Street Milford, Massachusetts 01757
DATE INITIATED:	12/22/2021	STATUS:	Open
LOCATION:		DUE DATE:	12/27/2021
COST CODE:		REFERENCE:	PJK RFI #75
COST IMPACT:	TBD	SCHEDULE IMPACT:	TBD
DRAWING NUMBER:	M4.1, E2.2e, E2.0b	SPEC SECTION:	230000 - Heating, Ventilating, and Air Conditioning (HVAC)
RECEIVED FROM:	William Gray (P.J. Kennedy & Sons)		

COPIES TO:

CA Bala (Bala Consulting Engineers), Gil Castera (Bala), Victoria Clifford (Skanska USA Inc.), Greg Cmar (Interval Data Systems), Patrick Condon (Consigli Construction Co., Inc.), Ken Davis (Bala Consulting Engineers), Tom DeRosa (Consigli Construction Co., Inc.), David Dockendorf (Consigli Construction Co., Inc.), Arthur Duffy (HMFH Architects), Jim Fikiet (Skanska USA Inc.), Ryan Flynn (Bala Consulting Engineers), Vianely Franco (HMFH Architects), Kevin Fuller (Interval Data Systems), Mike Gagne (Interval Data Systems), Bill Gnerre (Interval Data Systems), George Hines (Bala Consulting Engineers), William Lentz (Bala Consulting Engineers), Stephanie MacNeil (HMFH Architects), Chuck McWilliams (Consigli Construction Co., Inc.), Reid Mullett (Rist-Frost-Shumway Engineering (RFS)), Brandon Mynter (Consigli Construction Co., Inc.), Sy Nguyen (Skanska USA Inc.), Fran Patnode (Rist-Frost-Shumway Engineering (RFS)), Hal Raymond (Skanska USA Inc.), Richard Rivera (Bala Consulting Engineers), Kevin Samya (Consigli Construction Co., Inc.), Mason Saunders (Consigli Construction Co., Inc.), Chris Weber (Consigli Construction Co., Inc.)

Question from Kevin Samya (Consigli Construction Co., Inc.) at 03:12 PM on 12/22/2021

Please reference the attached PJK RFI #75. Please reference HVAC Drawing M4.1 and the associated Electrical Drawings E2.2e and E2.0b.

The Electrical Boilers in Mechanical Room S2-14 require an "Emergency Disconnect Switch" at the exits of the room. Startup of the equipment cannot be completed until the switch is furnished and installed by a certified electrician. There is no information in the specifications or drawings identifying ownership and locations of these devices.

The HVAC Contractor has proposed (2) device locations in the attached document that need to be confirmed acceptable by AHJ. Design team to provide insight on devices.

Please Note - Mechanical Room S1-08 on Level 1 of Building B also has an Electric Boiler that requires the same "Emergency Disconnect Switch".

Attachments:

[RFI #582 - Electric Boiler Emergency Disconnect Switch \(Building E-B\) \(PJK RFI #75\).pdf](#)

Awaiting an Official Response

All Replies:

Emergency Disconnect Switches for Electric Boilers are required and should be added at both Mechanical Rooms. Refer to attached Sketches SKE-41A & 41B. Switches shall be push button type with "Emergency Boiler Shut-Down" text on device (by Pilla Electrical Model BSD120 or equal) installed in approximate locating shown at an elevation of 48" above finished floor. Switches located in common corridors shall be provided with tamper-proof plastic transparent covers.

J. Ryan Flynn/Ken Davis - BALA
1/04/2022

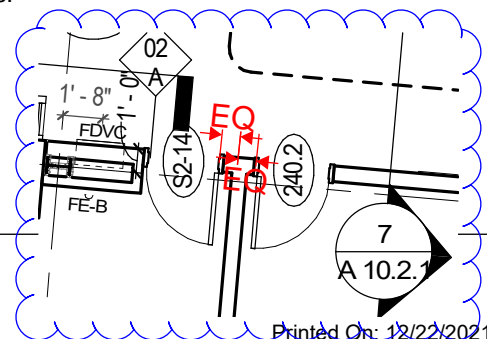
The switch at Corridor C2-15 is to be located centered within the width of tile between doors S2-14 and 240.2.

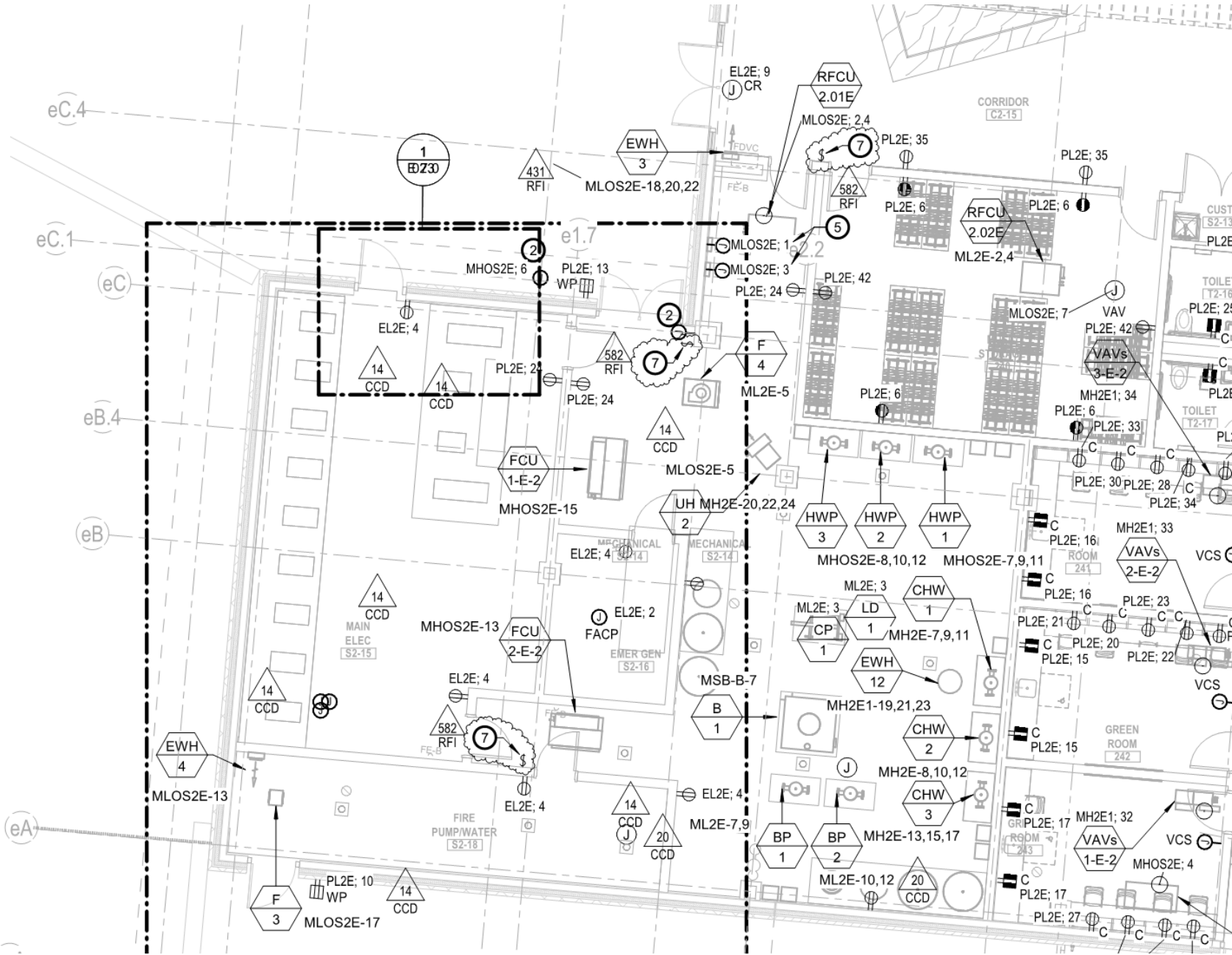


BY

01/04/2022

DATE





SHEET NOTES	
1	CONDUIT AND WIRING TO ASSOCIATED MOTORIZED SHADE CONTROLLER ON THIRD FLOOR.
2	CONNECT TO HEAT TRACE CABLE AND CONTROLLER
3	CONDUIT AND WIRING TO ASSOCIATED MOTORIZED PROJECTION SCREEN.
4	RECEPTACLES FOR FUTURE THEATRICAL LIGHTING; REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT AND EXACT LOCATIONS.
5	CONNECT TO ATC PANELS
6	CONNECT TO HEAT TRACE CONTROL PANEL FOR FP MAIN AND PIPING TO TEMPORARY BRIDGE
7	SWITCH TO DISCONNECT BOILER WIRE BACK CONTROL PANEL.

BALA
ENGINEERS
PHILADELPHIA | NEW YORK | BOSTON | BALTIMORE
INDIANA | SEATTLE | CHICAGO | LOS ANGELES
ST. LOUIS | DENVER | PORTLAND | SAN FRANCISCO

HMFH ARCHITECTS

130 Bishop Allen Drive
Cambridge, MA 02139
617 492 2200
@HMFHarch hmfh.com

HM FH

Arlington High School

**POWER AND SYSTEMS SECOND FLOOR- MECHANICAL
ROOM - RFI 582**

REF. DWG. E2.2e RFI-582

DRAWING NUMBER
SKE 41B
JOB NUMBER
6017442

DATE: 01/04/22 DRAWN: Author/CHECKED: Checker

SCALE:



Patrick J. Kennedy & Sons, Inc.

MECHANICAL CONTRACTORS

39 Gibson Street
Boston, MA 02122-1222
Ph : (617)265-5535

REQUEST FOR INFORMATION

Number: 75

Date: 12/20/2021

Phone:

Job: 2020-21 Arlington HS Main Package

To: Kevin Samya
Consigli Construction Co. Inc.
72 Sumner Street
Milford, MA 01757
Ph: 857-300-6900

CC:

Subject: Electric Boiler Emergency Disconnect Switch

Drawing:

Cost Impact: None

Spec Section:

Schedule Impact: None

Request:

Date Required:

The electric boiler requires an "Emergency Disconnect Switch" be installed. Startup cannot be completed until a switch is installed. Please confirm that electrician can install switch(s) per attached plan. Switch location(s) to be confirmed by AHJ.

Requested by: Bill Gray
Patrick J. Kennedy & Sons, Inc

Response:

Answered by

Company

Date

SWITCH LOCATION(S)
TO BE CONFIRMED BY
AHJ

ATC CONTROL PANELS

e1.7

F
4

e2.2

RFCL
2.015

30"x18"

FIRE DAMPER
40"x12"

54"x14"

H
40x12
151/5

G
30x14
151/5

FIRE DAMPER

G
14x14
775

H
38x12
775

FIRE DAMPER

FCU
2-E-2

GLYCOL FEED
TANK SET

SWIR GUN
(50-50)

ET
4

ET
5

FIRE DAMPER

44"x14"

UH
2

1 1/4"

1 1/4"

1 1/4"

1 1/4"

1 1/4"

1 1/4"

1 1/4"

1 1/4"

1 1/4" HWS
14
CCD

PUMP HWP-SVPD

HWP
3

HWP
2

AS
ACBF

HX

14
CCD

MECHANICAL
TENT

AS
ACAF

B
1

CCC Submittal
#230000-042
Z153
CCC RFI #582

4

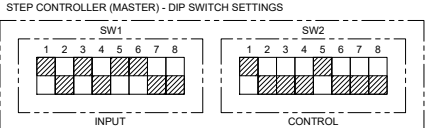
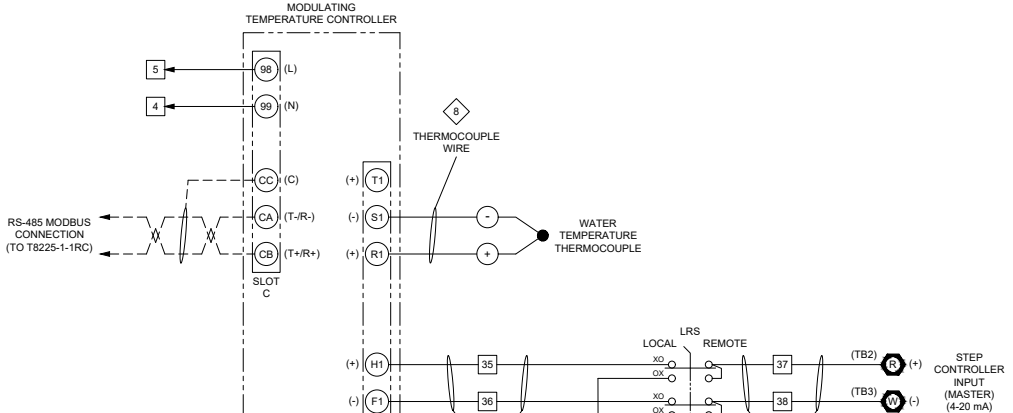
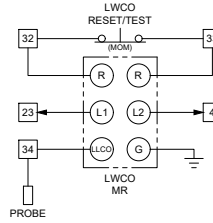
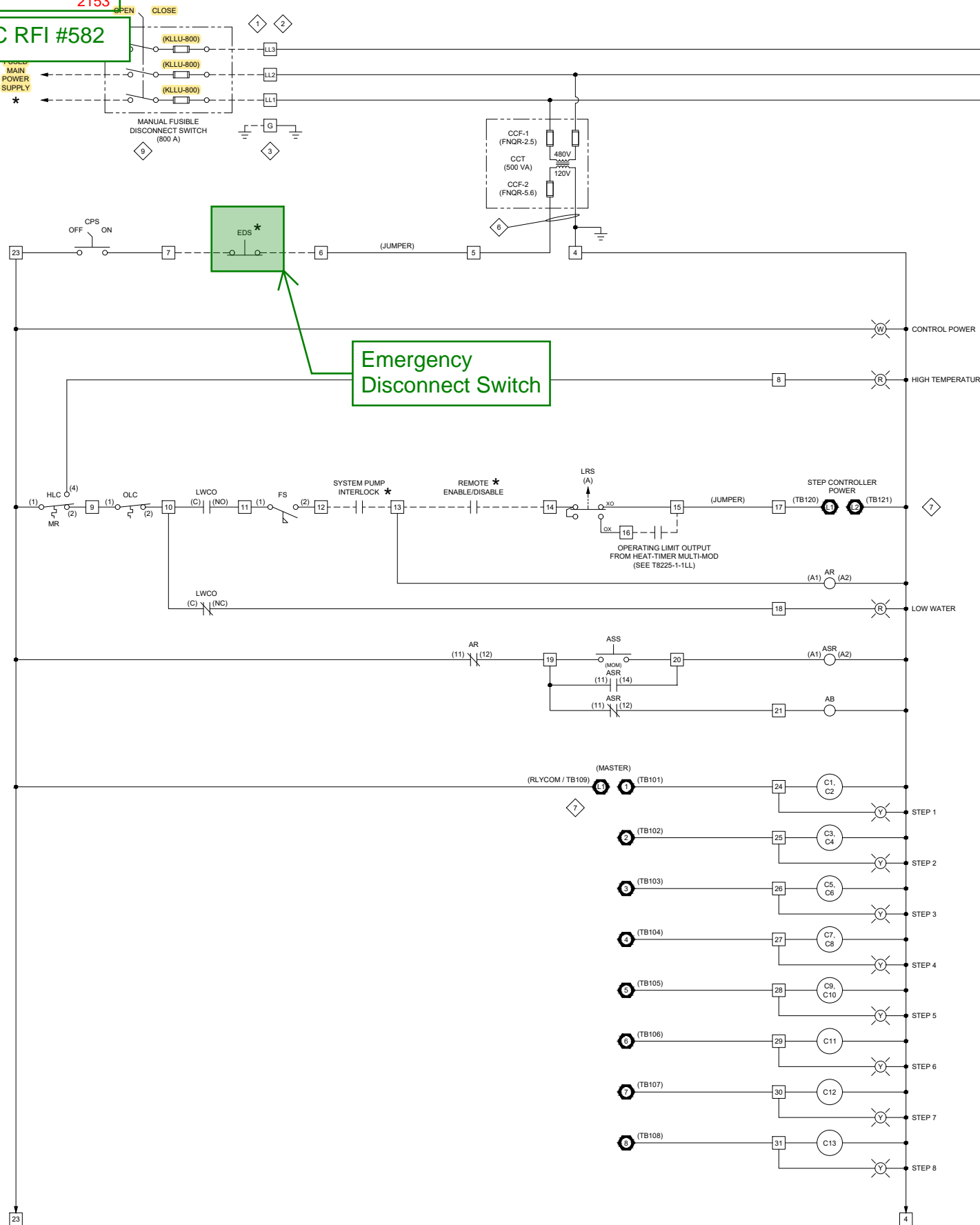
3

2

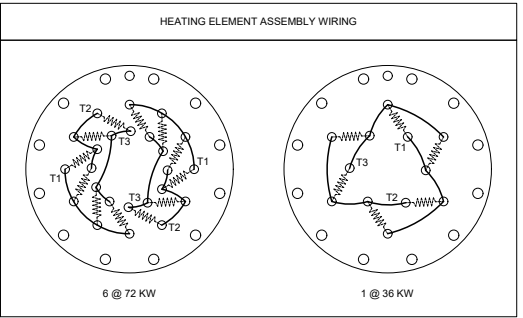
1

CCC - CR323

THIS DRAWING IS PROPERTY OF CLEAVER-BROOKS, INC. IT IS SUBJECT TO CHANGE WITHOUT NOTICE AND IS NOT TO BE COPIED OR USED IN ANY WAY DETRIMENTAL TO THE COMPANY.



INDICATES "ON"
INDICATES "OFF"



- NOTES:**
- 1 CUSTOMER'S POWER SUPPLY CIRCUIT WITH PROTECTIVE DEVICE AS REQUIRED. SUGGESTED WIRING: (2) # 500 MCM CU WIRES PER PHASE, PER NEC TABLE 310.15(B)(16), BASED ON 75°C INSULATION WITH 125% CORRECTION.
 - 2 MAIN POWER SUPPLY CONNECTION LUGS WILL ACCEPT UP TO (4) # 500 MCM CU WIRES PER PHASE.
 - 3 GROUND LUGS, LOCATED ADJACENT TO MAIN POWER CONNECTION LUGS, WILL ACCEPT UP TO (2) # 2/0 AWG CU WIRES.
 - 4 HEATER CIRCUIT WIRING TO CONTACTORS: # 6 AWG, THHN, 90°C, UL/CSA
 - 5 HEATER CIRCUIT WIRING TO HEATERS: # 8 AWG, XLPE, 125°C, UL/CSA
 - 6 CONTROL CIRCUIT WIRING: # 16 AWG, MTW, 105°C, UL/CSA
 - 7 STEP CONTROL IS 8-STEP (MASTER) PROGRESSIVE SEQUENCE (SELECTRONIX SLC4000-8).
 - 8 THERMOCOUPLE WIRE MUST BE RUN IN SEPARATE CONDUIT.
 - 9 **DISCONNECT TERMINAL LUGS PROVIDED TO ACCEPT UP TO (3) # 600 MCM CU WIRES PER PHASE. (DUMMY FUSES PROVIDED FOR NON-FUSED APPLICATION.)**
- SCHEMATIC SYMBOLS:**
- DENOTES CONTROL PANEL TERMINALS
 - DENOTES TERMINAL DESIGNATION ON DEVICE
 - ★ EQUIPMENT FURNISHED BY OTHERS
 - FIELD WIRING FURNISHED BY OTHERS
 - STEP CONTROLLER TERMINALS
- CONTROL WIRE COLOR LEGEND:**
- R - 120 VAC
 - B - GREATER THAN 120 VAC
 - O - LOW VOLTAGE AC
 - Y - DRY CIRCUIT
 - G - GROUND CONDUCTOR
 - BL - VOLTAGE DC
 - W - NEUTRAL/GROUNDED CONDUCTOR

REVISIONS		DRAWN	
01	03/04/21	DRN	DRN
REVISED DISCONNECT SWITCH TO FUSIBLE 800A (S/L), PER ORDER REV #1.			

WARNING: Changes, modifications, or alterations are strictly prohibited. Changes to this drawing and subsequent modification of equipment could result in damage to the equipment and/or serious personal injury.

ELECTRICAL SPECIFICATIONS		WIRE COLOR	SYMBOL
HEATING STAGES	5 @ 72 KW, 3 @ 36 KW	YELLOW	Y
ELEMENT RATING	6 KW / 75 WSI / 480 V	GREEN	GRN
ELEMENT SHEATH	INCOLOY	RED	R
ELEMENT QUANTITY	78	BLUE	BL
CONTACTOR QUANTITY	13	WHITE	W
MODULATING CONTROLLER		BLACK	B
CONFIGURATION FILE 81705596_HW_A_STD		BLUE/WHITE	BLU/WH
		YELLOW/GREEN	YEL/GRN
		GREEN/YELLOW	GRN/YEL

ARLINGTON HIGH SCHOOL		SCALE	
ARLINGTON, MA		N.T.S.	
T8225		DATE	
		12/11/20	
		DRAWN BY	
		DRN	
		CHECKED BY	
		JMP	
		SIZE	
		D	

WIRING DIAGRAM		SHEET NO:	
		1 OF 1	

WB 202		468		160HW		CSD-1	
MODEL		SIZE		KW		PRESSURE	
480		3		60		3	
VOLTS		PHASE		HERTZ		WIRE	
						FLA	

DWG NO:		T8225-1-1WD		01	
---------	--	-------------	--	----	--



INVOICE

116 Hopping Brook Road, Holliston, MA 01746
(508) 429-8830 FAX (508) 429-9251

MA LIC. A8999, 4536A1

CHRIS WEBER
Sold To: CONSIGLI CONSTRUCTION CO.
72 SUMNER STREET
MILFORD, MA 01757

Work Done At: ARLINGTON HIGH SCHOOL
869 MASS AVENUE
ARLINGTON, MA 02476

JOB NO. 02698-00-20	PO Nbr	Terms Net 30 Days	PLEASE REMIT BY INVOICE NUMBER	P0110.	Invoice Date 2/3/2022
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DESCRIPTION OF WORK:

RE: Job#2698- Arlington High School
Proposal#P0110.

CR323

As directed by RFI #582 under ~~CR 244.1~~, provide labor services to install an Emergency Disconnect EPO Shut Off in Building E Mechanical Room S2-14.

INVOICE TOTAL

6,018.92



Terms: Net 30 Days with 1.5% Interest on all Unpaid Balance over 30 days



WAYNE J.
GRIFFIN ELECTRIC
INC.

February 4, 2022

VIA EMAIL ONLY: cweber@consigli.com

Mr. Chris Weber, Project Manager
Consigli Construction Company, Inc.
72 Sumner Street
Milford, MA 01757

RE: Job #2698 - Arlington High School, Arlington, MA
Proposal #110

Dear Mr. Weber:

In accordance with the field change order signed by you, the contract should be modified to include the following revision per our enclosed detailed backup:

DESCRIPTION OF WORK:

As directed by RFI #582 under ~~CR-244.1~~ **CR323**, provide labor services to install an emergency disconnect EPO shut off in Building E Mechanical Room S2-14.

The material pricing enclosed is based on industry recognized standardized unit rates obtained from R.S. Means, as agreed to for your review, approval and acceptance. The labor hours are as signed for and acknowledged by your on-site representative.

Total \$ 6,018.90 ✓

Please issue a written change order as the work above has been completed. The value included in this field change order does not include any amounts for changes in the sequence of work, disruptions, interference and/or impacts, and the right is expressly reserved to recover any and all of these related items prior to any final settlement of this contract. The working relationship between your company and ours shall be in accordance with our mutually agreed to contract form.

Corporate Headquarters:

116 Hopping Brook Road
Holliston, MA 01746
Phone: (508) 429-8830
Fax: (508) 429-7825

Regional Offices:

296 Cahaba Valley Parkway
Pelham, AL 35124
Phone: (205) 733-8848
Fax: (205) 733-8107

1950 Evergreen Boulevard
Suite 300
Duluth, GA 30096
Phone: (678) 417-9377
Fax: (678) 417-9373

2310 Presidential Drive
Suite 101
Durham, NC 27703
Phone: (919) 627-9724
Fax: (919) 627-9727

9801-C Southern Pine Boulevard
Charlotte, NC 28273
Phone: (704) 522-3851
Fax: (704) 522-3856

If you have any questions regarding the above, please do not hesitate to contact me at (508) 306-5313 or wpease@wjgei.com.

Very truly yours,

WAYNE J. GRIFFIN ELECTRIC, INC.



Wayne A. Pease
Senior Project Manager

WP/jav

ACKNOWLEDGMENT: The contract modifications stated for the above field change are acceptable for the work already performed. The value of the work completed to the date of the next requisition may be billed on that requisition.

Date: _____ Authorized Signature: _____

cc: John LaMarre, Senior Project Manager, Consigli Construction Company, Inc.,
JLaMarre@consigli.com
George Gray, Project Engineer, Wayne J. Griffin Electric, Inc.
Jeremiah Kimball, Project Foreman, Wayne J. Griffin Electric, Inc.



CCN#: P-0110, CR 244.1 Boiler EPO
 Date: 2/2/2022
 Project Name: Arlington High School
 Project Number: 02698-00-20
 Page Number: 1

116 Hopping Brook Road, Holliston, MA 01746
 (508) 429-8830 FAX (508) 429-9251

Work Description

CR323

As directed by RFI #582 under ~~CR 244.1~~, provide labor services to install an Emergency Disconnect EPO Shut Off in Building E Mechanical Room S2-14.

Itemized Breakdown

Description	Qty	Net Price	UM	Materials (\$)	Labor	Total Hours
Labor 1/10/22 - 1/24/22	1.00	0.0000	E	0.000	22.000	22.000
3/4" EMT Pipe	200.00	1.7813	E	356.250	0.000	0.000
3/4" EMT Connectors	10.00	1.0500	E	10.500	0.000	0.000
3/4" EMT Couplings	25.00	2.4000	E	60.000	0.000	0.000
#12 THHN Wire	600.00	0.2520	E	151.190	0.000	0.000
3/4" EMT Mini Support	20.00	0.3600	E	7.200	0.000	0.000
Tek Screws	50.00	0.2730	E	13.650	0.000	0.000
4" Square Box	4.00	5.2000	E	20.800	0.000	0.000
4" Square Cover	1.00	0.9800	E	0.980	0.000	0.000
EPO Shut Off	3.00	298.7567	E	896.270	0.000	0.000
Freight	1.00	65.0000	E	65.000	0.000	0.000
Phase Totals				1,581.84		22.00
		Totals		1,581.84		22.00
		Tax		0.00		
		Materials with Tax		1,581.84		

Summary

Itemized Breakdown Total			1,581.86	✓
Electrical Foreman Overtime	(2.0000 hrs @ \$134.85 / hr)	269.70		
Electrical Journeyman Overtime	(20.0000 hrs @ \$134.85 / hr)	2,697.00		
			2,966.70	✓
Labor Burden	(\$2,966.70 @ 30.00%)	890.01		
		890.01		✓
Overhead & Profit	(\$5,438.57 @ 10.00%)	543.86		
		543.86		✓
Bond	(\$5,982.43 @ 0.61%)	36.49		
		36.49		✓
			1,470.36	✓
Total			\$6,018.92	✓



CONSIGLI

Est. 1905

SLIP TRACKING

REF.

CCC - CR323

462

Project Name	Arlington High School	Job# 2153	Date	1/3/22
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THIS DOCUMENT IS TO BE USED FOR TRACKING PURPOSES ONLY:

(This document is not intended to constitute as acceptance of additional work to the contract nor does this document infer that the contractor will be compensated for the work performed)

Contractor	WSGEI
Contractor (Foreman's Signature)	
Contractor Extra Work #	CR323
Cost Code	CR244.1
Time Begin (Consigli Signature Required)	
Time Complete (Consigli Signature Required)	
Work Performed	OT FOR DEI W22 EEC BULK ERO (PHASE I E ONLY)
Manpower	22 hrs
Materials	SEE ATTACHED

FOR OFFICE USE ONLY

Comments	H.R. SKANSKA 1/25/22		
Category (Check One)	<input type="checkbox"/> Internal	<input type="checkbox"/> Owner	<input type="checkbox"/> Backcharge
Status (Check One)	<input type="checkbox"/> Rejected	<input type="checkbox"/> Accepted	<input type="checkbox"/> Pending
Reference drawing or specification section:			

White: PM

Yellow: Contractor Copy

Pink: Remains

WAYNE J. GRIFFIN ELECTRIC INC. 116 HOPPING BROOK ROAD HOLLISTON, MA 01746 TEL: 508-429-8830 FAX 508-429-7825				WORK AUTHORIZATION				Check one:	
Consigli 72 Summer Street Milford MA, 01757				Overtime for RFI 582 Electric Boiler EPO Note this is only phase 1 E building EPO				<input checked="" type="checkbox"/> Time & Material	
PREWORK AUTHORIZATION AUTHORIZED SIGNATURE:				Chris Weber, VIA EMAIL DATED 1/3/2022 Date: 1-3-22				<input type="checkbox"/> Service Division <input type="checkbox"/> Other - Specify <input type="checkbox"/> Emergency Call <input type="checkbox"/> Customer PO	
YOU ARE HEREBY AUTHORIZED TO PERFORM THE ABOVE ADDITIONAL WORK UNDER THE SAME CONDITIONS AS SPECIFIED IN THE ORIGINAL CONTRACT PROPOSAL UNLESS OTHERWISE STIPULATED.									
MATERIAL AND LABOR BREAKDOWN									
	Reference CR323								
200'	3/4 EMT			20	3/4 mini EMT support				
	10 EMT connector			50	tek screws				
	25 EMT coupling								
200'	Black #12 THHN								
200'	White #12 THHN								
200'	Green #12 THHN								
4	4" square								
1	4" blank plates								
3	EPO shut off								
TIME AND LABOR RECORD									
Worker:	Date:	Hours:	Worker:	Date:	Hours:	Worker:	Date:	Hours:	
Erik P. Brown	1/10/2022	8							
Erik P. Brown	1/11/2022	8							
Jeremiah Kimball	1/19/2022	2							
Erik P. Brown	1/24/2022	4							
								22	
Electronic copy on file								DATE: The Labor and materials listed above are accurate and the work was completed satisfactorily	

Jeremiah Kimball

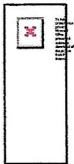
From: Weber, Chris <cweber@consigli.com>
Sent: Wednesday, January 5, 2022 1:41 PM
To: Wayne Pease; Jeremiah Kimball
Cc: Samya, Kevin; LaMarre, John; McWilliams, Chuck; DeRosa, Thomas; Dockendorf, David
Subject: FW: RFI: #582: Electric Boiler Emergency Disconnect Switch (Building E/B) (PJK RFI #75)

Note: This email originated outside Wayne J. Griffin Electric. Use caution with replies, links and attachments. Please forward any suspicious looking email to spamcatcher@wjgei.com.

Wayne/Jeremiah,

Please take this as authorization to proceed with the F&I of boiler emergency disconnect as specified in RFI-582 response below. Please reference CR323 for tracking. Please confirm order being placed ASAP and confirm lead time and ROM estimate for completion of work.

Thanks



Chris Weber
Project Manager
m: 774.573.4072

 [consigli.com](mailto:cweber@consigli.com)

From: Kevin Samya (Consigli Construction Co., Inc.) <Consigli_Notifications@procoretech.com>
Sent: Wednesday, January 5, 2022 10:18 AM
To: Weber, Chris <cweber@consigli.com>
Subject: FW: RFI: #582: Electric Boiler Emergency Disconnect Switch (Building E/B) (PJK RFI #75)

Arlington High School

More details. [View online](#)  [View PDF](#)

From: Kevin Samya (Consigli Construction Co., Inc.)
Date: Wednesday, January 5, 2022 at 10:18 am EST
Sent To: Kim Beagan (Wayne J. Griffin Electric Inc.)
Alyx Carlile (P.J. Kennedy & Sons)
Patrick Condon (Consigli Construction Co., Inc.)

**GENERAL CONTRACTOR PROGRESS PAYMENT
CERTIFICATION AND WAIVER (Conditional)**

PROJECT: Arlington High School
CONTRACTOR: Consigli Construction Co., Inc.

OWNER: Town of Arlington, 730 Massachusetts Ave, Arlington, MA 02476

Conditioned upon receipt of payment to be made on its progress Application for Payment No. 22 in the amount of \$ 2,879,798.02 for services, labor, material and equipment provided to the above-referenced Project by Contractor through 01/31/22 (the "Payment Period"), Contractor hereby:

1. CERTIFIES to Owner and any lender of Owner that, upon receipt of payment of the amount stated in the prior paragraph, Contractor will be paid in full for all services, labor, materials, equipment, and other items furnished in connection with improvements to real property on the Project for base contract work and approved Change Orders through and including the last day of the Payment Period, except for retainage and not including pending changes or claims, all in accordance with the written contract between the parties for construction of the Project.

2. WAIVES, relinquishes and dissolves all rights to any lien (including, without limitation, liens under the mechanic's lien law of any state wherein the Project may lie) upon the property, real estate, buildings, or improvement for to the extent of sums billed and paid to Contractor through the last day of the Payment Period.

3. AGREES TO INDEMNIFY, defend, and save harmless the Owner and any lender of Owner from all liens, claims and demands, and all expenses incurred, including attorneys' fees and costs of defense, on account of claims brought by anyone claiming by, through or under Contractor, for payment of any services or labor performed or material or equipment furnished in connection with improvements to real property for the Project to the extent of sums billed and paid to Contractor through the last day of the Payment Period.

4. REPRESENTS AND WARRANTS to the Owner and any lender of Owner that all laborers, subcontractors, materialmen and others providing services, labor, material, and/or equipment and all taxes and contributions of any other descriptive title in connection with the work furnished for and through Contractor have been paid in full through the last day of the Payment Period.

5. REPRESENTS AND WARRANTS that no other person or entity has any prior interest in the claims, demands, allegations or causes of action arising on its behalf on account of the work; that Contractor has the sole right and authority to execute this progress certification and waiver and received the sums specified herein; and that Contractor has not sold, assigned, transferred, conveyed, or otherwise disposed of the claims, demands or rights released hereby.

Executed as a sealed instrument this 15th day of February, 2022.

By [Signature]

(Authorized Officer)

Printed Name: Julie Kuchenbrod

State of: Massachusetts

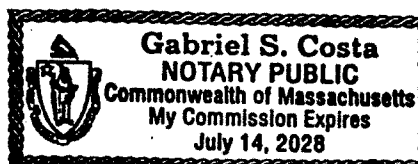
2/15/22

(Date)

Then personally appeared before me the above-named Julie Kuchenbrod, who being duly sworn did say that he/she is the Director of Project Accounting of Consigli Construction Co. that the foregoing instrument was signed on behalf of said corporation by authority of its Board of Directors, and that said instrument was acknowledged to be the free act and deed of said corporation.

[Signature]
Notary Public

My commission expires: 07/14/2028



APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702

PAGE ONE OF ____ PAGES

TO OWNER: Town of Arlington
730 Massachusetts Ave
Arlington, MA 02476

PROJECT: Arlington High School

Invoice 22

Draw

Application date: 2/14/2022

Period ending date: 1/31/2022

DISTRIBUTE TO:

☐ OWNER

☐ ARCHITECT

☐ CONTRACTOR

☐

☐

FROM CONTRACTOR:
Consigli Construction Co., Inc.
72 Sumner Street
Milford, MA 01757

VIA ARCHITECT:
HMFH Architects, Inc
130 Bishop Allen Drive
Cambridge, MA 02139

PROJECT NO: 2153

CONTRACT DATE: 6/26/2019

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown above, in connection with the Contract.
Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM	\$234,287,347.00
2. NET CHANGE BY CHANGE ORDERS	\$741,478.01
3. CONTRACT SUM TO DATE (Line 1 ± 2)	\$235,028,825.01
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)	\$91,967,952.32
5. RETAINAGE:	
a. 4.44 % of Completed Work	\$ 4,075,855.44
(Column D + E on G703)	
b. 4.44 % of Stored Material	\$ 5,219.50
(Column F on G703)	
Total Retainage (Lines 5a+5b or Total in Column I on G703)	\$4,081,074.94
6. TOTAL EARNED LESS RETAINAGE (Line 4 Less Line 5 Total)	\$87,886,877.38
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 From Prior CERTIFICATE)	\$85,007,079.36
8. CURRENT PAYMENT DUE (Line 6 Less Line 7)	\$2,879,798.02
9. BALANCE TO FINISH INCLUDING RETAINAGE (Line 3 Less Line 6)	\$147,141,947.63

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	674,441.74	
Total approved this Month	67,036.27	
TOTALS	741,478.01	
NET CHANGES by Change Order	741,478.01	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: Consigli Construction Co., Inc.

By: [Signature] Date: 2/15/22

State of: MA

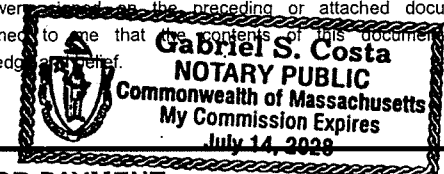
County of: Worcester

On this the 22nd day of February 2022 before me,
proved to me through satisfactory evidence of identity, which was/were

personal knowledge
to be the person(s) whose name(s) was/were stated on the preceding or attached document in my presence, and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.

Notary Public:

My Commission expires: 7/14/2028



ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED:\$ 2,879,798.02

(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT:

By: [Signature] Date: 02/15/2022

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CONTINUATION SHEET

AIA DOCUMENT G703

Detail Page 2 of 12 Pages

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing Contractor's signed certification is attached.

Project:
2153-01 / Arlington High School

Invoice 22
Draw
Application date: 2/14/2022
Period ending date: 1/31/2022

In tabulations below, amounts are stated to the nearest dollar.
Use Column I on contracts where variable retainage for items may apply.

A ITEM NO.	B DESCRIPTION OF WORK	C ORIGINAL BUDGET	D APPROVED CHANGE ORDERS	E APPROVED TRANSFERS	F SCHEDULED VALUE	G WORK COMPLETED		H MATERIALS PRESENTLY STORED (NOT IN D / E)	I TOTAL COMPLETED AND STORED TO DATE (D + E + F)	J % (G / C)	K BALANCE TO FINISH (C - G)	L RETAINAGE (IF VARIABLE RATE)
						FROM PREV. APPLICATION (D + E)	THIS PERIOD					
1-000	Arlington High School											
	Subtotal		.00	.00				.00				
	Total		.00	.00				.00				
25-001	0502-0010 Contractor's Fee (62 Mo.)	4,733,848.00			4,733,848.00	1,603,392.00	76,352.00		1,679,744.00	35.48	3,054,104.00	83,987.20
	Subtotal	4,733,848.00	.00	.00	4,733,848.00	1,603,392.00	76,352.00	.00	1,679,744.00	35.48	3,054,104.00	83,987.20
	0502-0010 Total	4,733,848.00	.00	.00	4,733,848.00	1,603,392.00	76,352.00	.00	1,679,744.00	35.48	3,054,104.00	83,987.20
1-910	0502-0020 Payment & Performance Bond	2,262,450.00			2,262,450.00	2,262,450.00			2,262,450.00	100.00		113,122.50
1-920	Builder's Risk Insurance											
1-930	General Liability Insurance	2,604,288.00			2,604,288.00	2,604,288.00			2,604,288.00	100.00		130,214.40
1-940	Sub Default Insurance	1,345,817.00			1,345,817.00	1,332,358.83			1,332,358.83	99.00	13,458.17	66,617.94
	Subtotal	6,212,555.00	.00	.00	6,212,555.00	6,199,096.83		.00	6,199,096.83	99.78	13,458.17	309,954.84
	0502-0020 Total	6,212,555.00	.00	.00	6,212,555.00	6,199,096.83		.00	6,199,096.83	99.78	13,458.17	309,954.84
19-001	0502-0030 Construction Contingency	5,817,419.00		-466,085.58	5,351,333.42						5,351,333.42	
19-002	Buyout Savings			722,360.00	722,360.00						722,360.00	
19-003	Design Contingency											
19-004	Owner Change Contingency	1,150,000.00		-1,146,994.24	3,005.76						3,005.76	
24-010	ALLOW - Parmenter Changes	217,534.00			217,534.00						217,534.00	
24-013	ALLOW - Accel. & OT	700,000.00		-327,569.84	372,430.16						372,430.16	
	Subtotal	7,884,953.00	.00	-1,218,289.66	6,666,663.34			.00			6,666,663.34	
	0502-0030 Total	7,884,953.00	.00	-1,218,289.66	6,666,663.34			.00			6,666,663.34	
1-001	0502-0100 01-GC's Phase 1 & 2 GC's (41 Mo.)	8,829,106.00			8,829,106.00	4,522,224.00	215,344.00		4,737,568.00	53.66	4,091,538.00	236,878.40
1-002	Phase 3 & 4 GC's (21 Mo.)	3,102,119.00			3,102,119.00						3,102,119.00	
	01-GC's Subtotal	11,931,225.00	.00	.00	11,931,225.00	4,522,224.00	215,344.00	.00	4,737,568.00	39.71	7,193,657.00	236,878.40
1-012	02-GR's Survey/Engineering			602,533.50	602,533.50	301,737.00			301,737.00	50.08	300,796.50	15,086.86
1-099	Riggs General Requirements	1,322,836.00		1,665,699.68	2,988,535.68	2,590,314.00	223,085.00		2,813,399.00	94.14	175,136.68	140,669.95
1-120	Office Furniture			17,703.00	17,703.00	7,238.00			7,238.00	40.89	10,465.00	361.90
1-121	Owner Office Furniture/Equip	16,000.00		-10,000.00	6,000.00	117.00			117.00	1.95	5,883.00	5.85
1-125	Office Supplies	20,000.00		7,995.00	27,995.00	27,347.00	648.00		27,995.00	100.00		1,399.75
1-130	Computers & Communications	118,533.00		-28,000.00	90,533.00	74,897.00	825.00		75,722.00	83.64	14,811.00	3,786.10
1-140	Temp Power			122,158.25	122,158.25	122,158.25			122,158.25	100.00		6,107.91
1-145	Temp Water			30,000.00	30,000.00	4,515.00			4,515.00	15.05	25,485.00	225.75
1-150	Toilets	108,500.00		34,803.06	143,303.06	109,443.00	4,972.00		114,415.00	79.84	28,888.06	5,720.76
1-153	Drinking Water	18,600.00			18,600.00	7,497.00	373.00		7,870.00	42.31	10,730.00	393.50
1-185	Blueprints			2,005.00	2,005.00	2,005.00			2,005.00	100.00		100.25
1-210	Storage Trailers	56,000.00		-15,188.71	40,811.29	2,284.00	17.00		2,301.00	5.64	38,510.29	115.05

CONTINUATION SHEET

AIA DOCUMENT G703

Detail Page 3 of 12 Pages

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Project:
2153-01 / Arlington High School

Invoice 22
Draw
Application date: 2/14/2022
Period ending date: 1/31/2022

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A ITEM NO.	B DESCRIPTION OF WORK	C ORIGINAL BUDGET	D APPROVED CHANGE ORDERS	E APPROVED TRANSFERS	F SCHEDULED VALUE	G WORK COMPLETED		H MATERIALS PRESENTLY STDRD (NOT IN D / E)	I TOTAL COMPLETED AND STORED TO DATE (D + E + F)	J % (G / C)	K BALANCE TO FINISH (C - G)	L RETAINAGE (IF VARIABLE RATE)
						FROM PREV. APPLICATION (D + E)	THIS PERIOD					
1-213	Office Trailers	148,800.00		-22,329.68	126,470.32	49,699.00	1,647.00		51,346.00	40.60	75,124.32	2,567.30
1-214	Owner Temp Office Trailer	37,200.00		-6,477.92	30,722.08	14,358.00	473.00		14,831.00	48.27	15,891.08	741.55
1-216	Setup Trailer	25,000.00		-12,196.00	12,804.00						12,804.00	
1-217	Owner Temp Office Setup/Remv	5,000.00		-2,000.00	3,000.00						3,000.00	
1-218	Owner Telephone Service	59,266.00			59,266.00						59,266.00	
1-230	Barricades	20,000.00			20,000.00						20,000.00	
1-248	Temp Pest Control	13,500.00			13,500.00	8,798.00	900.00		9,698.00	71.84	3,802.00	484.90
1-250	Construction Sign Materials			2,162.46	2,162.46	2,162.46			2,162.46	100.00		108.12
1-275	Site Security	25,000.00		-7,310.00	17,690.00						17,690.00	
1-301	BLDG Enclosure - Bldg D&E			758,483.46	758,483.46	709,352.00	46,620.00		755,972.00	99.67	2,511.46	37,798.60
1-310	Temp Heat Setup			40,888.00	40,888.00	40,888.00			40,888.00	100.00		2,044.40
1-320	Temp Heat Fuel			127,080.96	127,080.96	127,080.96			127,080.96	100.00		6,354.05
1-350	Winter Conditions											
1-410	Covered Walway/OH Protection			129,500.08	129,500.08	109,000.00	3,000.00		112,000.00	86.49	17,500.08	5,600.00
1-810	Dumpsters			510,438.00	510,438.00	122,716.00	10,018.00		132,734.00	26.00	377,704.00	6,636.70
1-820	Cleanup/Dumpster Allowance	1,911,152.00		-1,888,885.32	22,266.68	15,649.00	3,965.00		19,614.00	88.09	2,652.68	980.70
1-840	Indoor Air Ouality	5,000.00		60,000.00	65,000.00	30,699.00	1,100.00		31,799.00	48.92	33,201.00	1,589.95
1-860	Final Cleaning (Jerez)			11,500.00	11,500.00	11,500.00			11,500.00	100.00		575.00
1-985	Textura Project Fee			30,000.00	30,000.00	28,688.00			28,688.00	95.63	1,312.00	1,434.40
24-001	ALLOW-Temp Electric Consumed	200,000.00		-122,158.25	77,841.75						77,841.75	
24-002	ALLOW-Temp Heating System	125,000.00		-63,682.68	61,317.32						61,317.32	
24-003	ALLOW-Temp Heat Fuel Consumpt	125,000.00		-110,040.96	14,959.04						14,959.04	
24-004	ALLOW-Permits,Insp,Testing	250,000.00			250,000.00						250,000.00	
24-006	ALLOW-Project Identification	15,000.00		-721.00	14,279.00						14,279.00	
24-007	ALLOW-Police Details	22,500.00			22,500.00						22,500.00	
24-008	ALLOW-Humidity Control	200,000.00			200,000.00						200,000.00	
24-009	ALLOW - Winter Conditions	150,000.00		-58,619.89	91,380.11						91,380.11	
24-014	ALLOW - COVID-19	600,000.00		-236,740.58	363,259.42						363,259.42	
24-022	ALLOW-EBP Chngs GR's	48,221.00		-48,221.00								
	02-GR's Subtotal	5,646,108.00	.00	1,520,378.46	7,166,486.46	4,520,142.67	297,643.00	.00	4,817,785.67	67.23	2,348,700.79	240,889.30
	0502-0100 Total	17,577,333.00	.00	1,520,378.46	19,097,711.46	9,042,366.67	512,987.00	.00	9,555,353.67	50.03	9,542,357.79	477,767.70
	0502-0200											
2-001	Selective Demo (Costello)	6,111,075.00		-366,158.49	5,744,916.51	490,678.51			490,678.51	8.54	5,254,238.00	24,533.93
2-002	HOLD-Trade Support			110,000.00	110,000.00						110,000.00	
2-003	Demo Sub EBP3 - Costello	52,500.00		-52,500.00								
2-004	HOLD-Street Swp & Lab Clean			32,251.99	32,251.99						32,251.99	
2-005	HOLD-Temp Construction/Cond			100,000.00	100,000.00						100,000.00	
2-007	HOLD-Layout for Demo											
2-008	HOLD-Shoring/Brac per SE			48,710.04	48,710.04						48,710.04	
2-009	HOLD-Add Air Monit. W/School											
2-011	HOLD-Unforeseen Conditions			80,000.00	60,000.00						60,000.00	
2-012	Vinyl Asbestos Tile (VAT)	780,000.00			780,000.00						780,000.00	
2-013	Underground Storage Tank (UST)	65,000.00			65,000.00						65,000.00	
24-023	ALLOW-EBP Chngs Demo	40,815.00		-40,783.98	31.02						31.02	

CONTINUATION SHEET

AIA DOCUMENT G703

Detail Page 4 of 12 Pages

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Draw
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A ITEM NO.	B DESCRIPTION OF WORK	C ORIGINAL BUDGET	D APPROVED CHANGE ORDERS	E APPROVED TRANSFERS	F SCHEDULED VALUE	G WORK COMPLETED		H MATERIALS PRESENTLY STORED (NOT IN D / E)	I TOTAL COMPLETED AND STORED TO DATE (D + E + F)	J % (G / C)	K BALANCE TO FINISH (C - G)	L RETAINAGE (IF VARIABLE RATE)
						FROM PREV. APPLICATION (D + E)	THIS PERIOD					
	Subtotal	7,049,390.00	.00	-108,480.44	6,940,909.56	490,678.51		.00	490,678.51	7.07	6,450,231.05	24,533.93
	0502-0200 Total	7,049,390.00	.00	-108,480.44	6,940,909.56	490,678.51		.00	490,678.51	7.07	6,450,231.05	24,533.93
	0502-0300											
24-025	ALLOW-EBP Chngs Concrete	68,000.00		-61,739.75	6,260.25	-4,993.75			-4,993.75	79.77	11,254.00	-249.69
24-038	ALLOW-DD Post GMP Ph.2-4 Con			100,000.00	100,000.00						100,000.00	
3-100	Concrete EBP#4 - Riggs	3,830,000.00		32,927.49	3,862,927.49	3,849,597.49			3,849,597.49	99.65	13,330.00	96,416.67
3-101	Concrete Sub - Ph. 2-4	11,281,900.00		-226,742.71	11,055,157.29						11,055,157.29	
3-102	Polished Concrete Sub	326,854.00		-147,934.00	178,920.00	95,708.00			95,708.00	53.49	83,212.00	4,785.40
3-103	HOLD-Polished Conc TU/Repair			40,000.00	40,000.00						40,000.00	
3-104	HOLD-Floor Protection 30k SF			52,780.00	52,780.00						52,780.00	
3-110	Concrete EBP#3 - Riggs	17,100.00		-6,710.71	10,389.29	10,389.29			10,389.29	100.00		
3-111	GMP Hold - Trade Support EBP4											
3-112	GMP Hold - Weather Conditions											
3-113	GMP Hold - Add Rebar MEP Coord			7,014.31	7,014.31						7,014.31	
3-114	HOLD-Trade Support			100,000.00	100,000.00						100,000.00	
3-115	HOLD-Insulation Topping Slabs			15,000.00	15,000.00						15,000.00	
3-116	HOLD-Add'l Reb. MEP Coord			10,000.00	10,000.00						10,000.00	
	Subtotal	15,523,854.00	.00	-85,405.37	15,438,448.63	3,950,701.03		.00	3,950,701.03	25.59	11,487,747.60	100,952.38
	0502-0300 Total	15,523,854.00	.00	-85,405.37	15,438,448.63	3,950,701.03		.00	3,950,701.03	25.59	11,487,747.60	100,952.38
	0502-0400											
4-220	Concrete Masonry Units	6,668,000.00		26,110.00	6,694,110.00	2,199,950.00			2,199,950.00	32.86	4,494,160.00	109,997.50
	Subtotal	6,668,000.00	.00	26,110.00	6,694,110.00	2,199,950.00		.00	2,199,950.00	32.86	4,494,160.00	109,997.50
	0502-0400 Total	6,668,000.00	.00	26,110.00	6,694,110.00	2,199,950.00		.00	2,199,950.00	32.86	4,494,160.00	109,997.50
	0502-0500											
24-026	ALLOW-EBP Chngs Steel	413,541.00		-403,947.01	9,593.99						9,593.99	
24-039	ALLOW-Steel & Deck Op Support			147,570.94	147,570.94						147,570.94	
24-042	ALLOW-Additional Misc. Metals			200,000.00	200,000.00						200,000.00	
5-120	Structural Steel	7,260,500.00		-104,138.21	7,156,361.79	7,137,727.45			7,137,727.45	99.74	18,634.34	183,134.55
5-121	GMP Hold - Trade Support	10,318,500.00		90,000.00	10,408,500.00						10,408,500.00	
5-122	GMP Hold - Weather Delay			27,203.25	27,203.25						27,203.25	
5-123	GMP Hold - Add Pen & Framed Op			48,000.00	48,000.00						48,000.00	
5-124	GMP Hold - Add Picks for Trade			50,000.00	50,000.00						50,000.00	
5-125	GMP Hold - Add Stl MEP Fac Coo			121,503.07	121,503.07						121,503.07	
5-126	GMP Hold - Add Supp Stl CurWal			60,000.00	60,000.00						60,000.00	
5-127	GMP Hold - Maint & Rem Cab Rai			35,000.00	35,000.00						35,000.00	
5-128	GMP Hold - Baseline Con & Surv											
5-129	GMP Hold - Crane Pad			50,000.00	50,000.00						50,000.00	
5-130	Structural Steel - Ph. 2 & 3			636,026.88	636,026.88	312,370.58	11,748.50		324,119.08	50.96	311,907.80	16,205.99
5-501	Miscellaneous Metals Sub	1,525,000.00		23,781.00	1,548,781.00	464,235.50	10,267.00		474,502.50	30.64	1,074,278.50	23,725.13
5-502	Allowance For Misc. Metals	200,000.00		-200,000.00								
	Subtotal	19,717,541.00	.00	780,999.92	20,498,540.92	7,914,333.53	22,015.50	.00	7,936,349.03	38.72	12,562,191.89	223,065.67
	0502-0500 Total	19,717,541.00	.00	780,999.92	20,498,540.92	7,914,333.53	22,015.50	.00	7,936,349.03	38.72	12,562,191.89	223,065.67

CONTINUATION SHEET

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Detail Page 5 of 12 Pages

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						FROM PREV. APPLICATION (D + E)	THIS PERIOD					
	0502-0600											
24-015	ALLOW-Phasing Wood/Composites	65,000.00		-12,582.74	52,417.26						52,417.26	
24-027	ALLOW-EBP Chngs Carpentry	5,150.00		-5,150.40	-0.40						-0.40	
6-601	Finish Carp. Furnish (Padco)	12,760.00		-5,406.00	7,354.00	7,354.00			7,354.00	100.00		192.50
6-603	Finish Carp. Install (Riggs)	3,553,853.00		180,273.50	3,734,126.50	1,808,773.40	263,780.00		2,072,553.40	55.50	1,661,573.10	103,165.12
6-604	HOLD-Add Frmg Bckup for ME Pnl			35,914.05	35,914.05						35,914.05	
	Subtotal	3,636,763.00	.00	193,048.41	3,829,811.41	1,816,127.40	263,780.00	.00	2,079,907.40	54.31	1,749,904.01	103,357.62
	0502-0600 Total	3,636,763.00	.00	193,048.41	3,829,811.41	1,816,127.40	263,780.00	.00	2,079,907.40	54.31	1,749,904.01	103,357.62
	0502-0700											
24-016	ALLOW-Phasing Moisture Protect	65,000.00		-4,592.71	60,407.29						60,407.29	
7-101	Water/Dampproof/caulking Sub	1,542,000.00			1,542,000.00	576,000.00	6,000.00		582,000.00	37.74	960,000.00	29,100.00
7-260	Sub Slab Vapor Membrane	766,000.00		-96,000.00	670,000.00	278,998.79			278,998.79	41.64	391,001.21	13,949.93
7-261	Engineered Barrier	161,250.00		-42,600.00	118,650.00						118,650.00	
7-262	HOLD-Geomembrane Pen.Patch			60,000.00	60,000.00						60,000.00	
7-263	HOLD-Slab Vent Syst Add'l Mob			36,000.00	36,000.00						36,000.00	
7-264	HOLD - Geomembrane patching			36,800.00	36,800.00						36,800.00	
7-265	HOLD - Add Mobs >1 Base Bid			1,800.00	1,800.00						1,800.00	
7-475	Exterior Wall Panels	1,827,800.00		-386,800.00	1,441,000.00	813,729.15	10,805.00		824,534.15	57.22	616,465.85	41,226.70
7-476	HOLD-MockUp if Larger 3x3			10,000.00	10,000.00						10,000.00	
7-477	HOLD-Cust Panel Col Match CW			15,000.00	15,000.00						15,000.00	
7-478	HOLD-Add Roof Protect Install			60,000.00	60,000.00						60,000.00	
7-479	HOLD-Snow & Ice Removal			25,000.00	25,000.00						25,000.00	
7-480	HOLD-Suppt Ext Col Covr Inst			20,000.00	20,000.00						20,000.00	
7-501	Membrane Roofing Sub	3,483,000.00		15,906.15	3,498,906.15	1,124,564.90	15,920.00		1,140,484.90	32.60	2,358,421.25	57,024.25
7-726	Roof Davit Install -Titan EBP3			27,036.00	27,036.00	27,036.00			27,036.00	100.00		
7-810	Fireproofing	1,300,000.00		-2,935.42	1,297,064.58	521,118.74			521,118.74	40.18	775,945.84	26,055.88
7-811	HOLD-Add'l Moves & Patching			12,000.00	12,000.00						12,000.00	
	Subtotal	9,145,050.00	.00	-213,385.98	8,931,664.02	3,341,447.58	32,725.00	.00	3,374,172.58	37.78	5,557,491.44	167,356.76
	0502-0700 Total	9,145,050.00	.00	-213,385.98	8,931,664.02	3,341,447.58	32,725.00	.00	3,374,172.58	37.78	5,557,491.44	167,356.76
	0502-0800											
8-001	DFH Supplier (Horner)	34,260.00		-11,360.00	22,900.00	22,900.00			22,900.00	100.00		1,145.00
8-002	Doors & Hardware	1,680,770.00		-425,191.86	1,255,578.14	821,367.90		61,200.62	882,568.52	70.29	373,009.62	44,128.42
8-003	D&H Install (Riggs)			10,860.00	10,860.00	10,860.00			10,860.00	100.00		543.00
8-004	D&H Install - Riggs			464,400.00	464,400.00	157,350.00	14,850.00		172,200.00	37.08	292,200.00	8,610.00
8-005	HOLD-Quick Ship Cost											
8-006	HOLD-Temp D&H MEP Closets											
8-007	HOLD-Quick Ship Ph.1 Frames											
8-310	Access Doors	26,875.00			26,875.00						26,875.00	
8-360	Overhead Doors	182,300.00		-66,100.00	116,200.00	112,200.00			112,200.00	96.56	4,000.00	5,610.00
8-361	HOLD-Accordion Fire Door			52,610.00	52,610.00						52,610.00	
8-362	HOLD-Low Volt Wiring OHD-Cntrl			5,000.00	5,000.00						5,000.00	
8-363	HOLD-Pocket Door 1,4/A9.7.3			6,000.00	6,000.00						6,000.00	

CONTINUATION SHEET

AIA DOCUMENT G703

Detail Page 6 of 12 Pages

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Project:
2153-01 / Arlington High School

Invoice 22
Draw
Application date: 2/14/2022
Period ending date: 1/31/2022

A	B				C	D	E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK	ORIGINAL BUDGET	APPROVED CHANGE ORDERS	APPROVED TRANSFERS	SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED (NOT IN D / E)	TOTAL COMPLETED AND STORED TO DATE (D + E + F)	% (G / C)	BALANCE TO FINISH (C - G)	RETAINAGE (IF VARIABLE RATE)
						FROM PREV. APPLICATION (D + E)	THIS PERIOD					
8-520	Aluminum Windows	5,670,175.00		1,796.74	5,671,971.74	2,803,853.75	148,973.82		2,952,827.57	52.06	2,719,144.17	147,641.38
8-620	Modular Skylights	144,000.00		-144,000.00								
8-801	Glass & Glazing (A&A Wndw)	9,000.00		900.00	9,900.00	9,900.00			9,900.00	100.00		
8-802	Glass & Glazing - Kaploff	718,000.00		-17,802.57	700,197.43	305,140.00	5,219.00		310,359.00	44.32	389,838.43	15,517.99
8-803	Folding Glass Door	107,000.00		-6,120.00	100,880.00	11,850.00			11,850.00	11.75	89,030.00	592.50
8-804	HOLD - Mtl Bldg CW Door Gap			6,000.00	6,000.00						6,000.00	
	Subtotal	6,572,380.00	.00	-123,007.69	6,449,372.31	4,255,421.65	169,042.82	61,200.62	4,485,665.09	53.09	3,963,707.22	223,788.29
	0502-0800 Total	6,572,380.00	.00	-123,007.69	6,449,372.31	4,255,421.65	169,042.82	61,200.62	4,485,665.09	53.09	3,963,707.22	223,788.29
	0502-0900											
24-017	ALLOW-Phasing Finishes	260,000.00		-44,978.93	215,021.07						215,021.07	
24-040	ALLOW-Temp Electric Cons-Addit			250,000.00	250,000.00						250,000.00	
24-041	ALLOW-Temp Heating Fuel Constr			165,000.00	165,000.00						165,000.00	
24-043	ALLOW-Pedestrian Protcn Ph.2-4			220,000.00	220,000.00						220,000.00	
24-046	ALLOW-Hoisting Not Assigned			300,000.00	300,000.00						300,000.00	
9-101	Temporary Construction	1,500,000.00		-640,698.32	859,301.68						859,301.68	
9-102	Trade Support	1,867,140.00		-948,100.94	919,039.06						919,039.06	
9-103	Pedestrian Protection	440,750.00		-402,102.00	38,648.00						38,648.00	
9-104	Temp Bridge Structure Ph. 1			136,000.00	136,000.00	93,789.00			93,789.00	68.96	42,211.00	4,689.45
9-220	Drywall (TJ McCartney)	79,100.00		-761.77	78,338.23	78,338.23			78,338.23	100.00		
9-221	Drywall & Carpentry	17,741,616.00		-1,356,202.06	16,385,413.94	6,595,656.45	69,503.34		6,665,159.79	40.68	9,720,254.15	333,257.96
9-222	HOLD-Temp Construction Items			20,000.00	20,000.00						20,000.00	
9-223	HOLD-EBP3 Patch/Rep Plast			156.77	156.77						156.77	
9-224	HOLD-Inst Temp Plywood Skylght			54,661.81	54,661.81						54,661.81	
9-225	HOLD-Add'l Blocking for FFE			60,000.00	60,000.00						60,000.00	
9-226	HOLD-Acc Sealants @ JB's			150,000.00	150,000.00						150,000.00	
9-227	HOLD-Misc Patching Rough Carp			100,000.00	100,000.00						100,000.00	
9-228	HOLD-Add'l Firestopping			150,000.00	150,000.00						150,000.00	
9-229	HOLD-Ins/Tape 1&3/A6.1.3			50,000.00	50,000.00						50,000.00	
9-230	HOLD-Labor Trade Support			600,000.00	600,000.00						600,000.00	
9-231	HOLD-Lightwell Staging Sp In			25,000.00	25,000.00						25,000.00	
9-232	HOLD-Baseline Cntrl & Survey											
9-301	Tile Subcontractor	1,341,480.00		718,296.35	2,059,776.35	1,070,705.37	24,378.31		1,095,083.68	53.17	964,692.67	54,754.18
9-401	Terrazzo Flooring	665,510.00			665,510.00	141,160.00			141,160.00	21.21	524,350.00	7,058.00
9-501	Acoustical Ceilings	2,700.00			2,700.00						2,700.00	
9-502	Acoustical Tile - K&K	2,358,000.00		1,496.00	2,359,496.00	730,950.00	44,375.00		775,325.00	32.86	1,584,171.00	38,766.25
9-620	Resinous Flooring	250,513.00		-190,223.00	60,290.00						60,290.00	
9-621	HOLD-Floor Protection			20,132.00	20,132.00						20,132.00	
9-622	HOLD-Spcl Pwr Rqmt 480v 3Ph			10,000.00	10,000.00						10,000.00	
9-623	HOLD-FLr Lvl. Mitigation @Slab			20,000.00	20,000.00						20,000.00	
9-627	Athletic Flooring - Synthetic	156,500.00		-35,860.00	120,640.00						120,640.00	
9-628	HOLD-Add Fl Lvl. Ptc - Athleti			30,000.00	30,000.00						30,000.00	
9-640	Wood Flooring	497,000.00		-91,570.00	405,430.00						405,430.00	
9-641	HOLD-Floor Protct Gym Per Arts			25,000.00	25,000.00						25,000.00	
9-650	Resilient Flooring	33,990.00		18,719.59	52,709.59	46,949.59			46,949.59	89.07	5,760.00	

CONTINUATION SHEET

AIA DOCUMENT G703

Detail Page 7 of 12 Pages

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Project:
2153-01 / Arlington High School

Invoice 22
Draw
Application date: 2/14/2022
Period ending date: 1/31/2022

A	B				C	D	E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK	ORIGINAL BUDGET	APPROVED CHANGE ORDERS	APPROVED TRANSFERS	SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED (NOT IN D / E)	TOTAL COMPLETED AND STORED TO DATE (D + E + F)	% (G / C)	BALANCE TO FINISH (C - G)	RETAINAGE (IF VARIABLE RATE)
						FROM PREV. APPLICATION (D + E)	THIS PERIOD					
9-651	Resilient Floors - Capital	1,629,939.00		549,290.48	2,179,229.48	737,655.85	78,272.37		815,928.22	37.44	1,363,301.26	40,796.42
9-680	Carpet Subcontractor	383,075.00		-37,975.00	345,100.00	162,691.00	18,675.00	25,922.00	207,288.00	60.07	137,812.00	10,364.40
9-681	HOLD-Floor Protection			27,000.00	27,000.00						27,000.00	
9-801	Acoustical Insulation	457,268.00		-12,468.00	444,800.00	165,750.00			165,750.00	37.26	279,050.00	8,287.50
9-802	HOLD-Patch @ \$2,500/day Lift			20,000.00	20,000.00						20,000.00	
9-840	Acoustical Wall Panels	440,800.00		-200,000.00	240,800.00		73,400.00		73,400.00	30.48	167,400.00	3,670.00
9-841	HOLD-Sup. Access Dance Floor			100,000.00	100,000.00						100,000.00	
9-842	HOLD-Trade Support			50,000.00	50,000.00						50,000.00	
9-860	Carpet & Entrance Mats											
9-901	Painting (Color Concepts)	37,800.00		2,441.17	40,241.17	40,241.17			40,241.17	100.00		
9-902	Painting - New Gen	971,000.00		-11,991.14	959,008.86	278,761.48	81,509.60		360,271.08	37.57	598,737.78	18,013.55
	Subtotal	31,114,181.00	.00	-99,736.99	31,014,444.01	10,142,648.14	390,113.62	25,922.00	10,558,683.76	34.04	20,455,760.25	519,657.71
	0502-0900 Total	31,114,181.00	.00	-99,736.99	31,014,444.01	10,142,648.14	390,113.62	25,922.00	10,558,683.76	34.04	20,455,760.25	519,657.71
	0502-1000											
10-001	Specialties	1,322,805.00		-666,424.00	656,381.00	472,476.00			472,476.00	71.98	183,905.00	23,623.80
10-002	Visual Display Boards - NEIS			290,185.00	290,185.00	82,518.53			82,518.53	28.44	207,666.47	4,125.92
10-003	Specialties (TP, TA, FEC, PS)			418,135.00	418,135.00	283,585.21	2,652.21		286,237.42	68.46	131,897.58	14,311.88
10-100	HOLD-Locker Fill/Rep Panels			5,000.00	5,000.00						5,000.00	
10-102	HOLD-Proj Screens NIC Electr			15,000.00	15,000.00						15,000.00	
10-103	HOLD-Aud PS Attach to Steel			10,000.00	10,000.00						10,000.00	
10-401	Signage			2,600.00	2,600.00						2,600.00	
10-402	Signage	302,609.00		87,108.00	389,717.00		92,221.40		92,221.40	23.66	297,495.60	4,611.07
10-650	Operable Partitions	73,000.00		-12,000.00	61,000.00	10,500.00	30,500.00		41,000.00	67.21	20,000.00	2,050.00
10-651	HOLD - PrePnch Steel fr Op Par			3,040.24	3,040.24						3,040.24	
10-710	Photoluminescent Safety	46,545.00			46,545.00						46,545.00	
10-801	Toilet & Bath Accessories	29,308.00			29,308.00	27,551.00			27,551.00	94.01	1,757.00	
10-802	HOLD-EBP3 FE Cab. Install											
10-803	HOLD-EBP3 Inst Salv Locker											
24-028	ALLOW-EBP Chngs Specialties	678.00		-678.00								
	Subtotal	1,774,945.00	.00	151,966.24	1,926,911.24	876,630.74	125,373.61	.00	1,002,004.35	52.00	924,906.89	48,722.67
	0502-1000 Total	1,774,945.00	.00	151,966.24	1,926,911.24	876,630.74	125,373.61	.00	1,002,004.35	52.00	924,906.89	48,722.67
	0502-1100											
11-060	Theater Equipment	782,353.00		-306,853.00	475,500.00	142,750.00	20,250.00	10,800.00	173,800.00	36.55	301,700.00	8,690.00
11-061	HOLD - Labor Support			50,000.00	50,000.00						50,000.00	
11-062	HOLD - Smoke Hatch Closure Rig			5,791.24	5,791.24						5,791.24	
11-063	HOLD - Stage Floor Protection			20,000.00	20,000.00						20,000.00	
11-200	Auditorium Fall Protection			15,927.00	15,927.00						15,927.00	
11-201	HOLD - Aud Fall Arr Add Mob			2,500.00	2,500.00						2,500.00	
11-401	Food Service Equipment	669,012.00		-104,401.00	564,611.00	131,450.00			131,450.00	23.28	433,161.00	6,572.50
11-402	HOLD-SS Panels for Temp Kitchn			10,000.00	10,000.00						10,000.00	
11-450	Residential Appliances	223,058.00		1,030.00	224,088.00	60,990.49	9,957.82		70,948.31	31.66	153,139.69	3,547.42
11-480	Gymnasium Equipment	731,884.00		-45,806.00	686,078.00	1,000.00			1,000.00	0.15	685,078.00	50.00
11-481	Sup Steel for Mat Hoist Attach			15,000.00	15,000.00						15,000.00	

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						FROM PREV. APPLICATION (D + E)	THIS PERIOD					
11-482	HOLD-Ath Equip - LV Wiring			5,000.00	5,000.00						5,000.00	
11-910	Window Washing Equipment	83,700.00		-6,000.00	77,700.00	39,300.00			39,300.00	50.58	38,400.00	1,965.01
11-911	HOLD-Window Wash Layout Ass			5,000.00	5,000.00						5,000.00	
11-912	HOLD-Ph.2 Hoisting Support			1,000.00	1,000.00						1,000.00	
11-920	Clock	43,295.00			43,295.00						43,295.00	
24-044	ALLOW-Additional Kitchen Equip			103,000.00	103,000.00						103,000.00	
	Subtotal	2,533,302.00	.00	-228,811.76	2,304,490.24	375,490.49	30,207.82	10,800.00	416,498.31	18.07	1,887,991.93	20,824.93
	0502-1100 Total	2,533,302.00	.00	-228,811.76	2,304,490.24	375,490.49	30,207.82	10,800.00	416,498.31	18.07	1,887,991.93	20,824.93
	0502-1200											
12-350	Laboratory Casework	1,983,800.00		-5,909.00	1,977,891.00	1,057,879.99	90,076.50		1,147,956.49	58.04	829,934.51	57,397.83
12-351	HOLD - Add Fume Hood Training			1,000.00	1,000.00						1,000.00	
12-352	HOLD - Fume Hood Testin			5,000.00	5,000.00						5,000.00	
12-490	Window Treatments	225,000.00		-40,205.00	184,795.00	11,250.00	40,285.00		51,535.00	27.89	133,260.00	2,576.75
12-491	HOLD-Wiring WT Motors			13,000.00	13,000.00						13,000.00	
12-610	Auditorium Seating	296,222.00		-26,205.00	270,017.00	3,000.00			3,000.00	1.11	267,017.00	150.00
12-611	HOLD - Baseline Control/Survey											
12-612	HOLD - F/I (30) Add Storage Ra			1,000.00	1,000.00						1,000.00	
12-613	HOLD - Offsite Seating Storage			5,000.00	5,000.00						5,000.00	
	Subtotal	2,505,022.00	.00	-47,319.00	2,457,703.00	1,072,129.99	130,361.50	.00	1,202,491.49	48.93	1,255,211.51	60,124.58
	0502-1200 Total	2,505,022.00	.00	-47,319.00	2,457,703.00	1,072,129.99	130,361.50	.00	1,202,491.49	48.93	1,255,211.51	60,124.58
	0502-1400											
14-210	Elevator (Delta)	690,000.00			690,000.00	196,200.00	2,000.00		198,200.00	28.72	491,800.00	9,910.00
	Subtotal	690,000.00	.00	.00	690,000.00	196,200.00	2,000.00	.00	198,200.00	28.72	491,800.00	9,910.00
	0502-1400 Total	690,000.00	.00	.00	690,000.00	196,200.00	2,000.00	.00	198,200.00	28.72	491,800.00	9,910.00
	0502-2100											
15-301	Fire Protection (Rustic)	125,000.00			125,000.00	125,000.00			125,000.00	100.00		
15-302	Fire Protection - Della	2,562,300.00		-13,794.82	2,548,505.18	1,256,200.00	8,275.00		1,264,475.00	49.62	1,284,030.18	63,223.76
24-018	ALLOW-Phasing Fire Suppression	65,000.00			65,000.00						65,000.00	
	Subtotal	2,752,300.00	.00	-13,794.82	2,738,505.18	1,381,200.00	8,275.00	.00	1,389,475.00	50.74	1,349,030.18	63,223.76
	0502-2100 Total	2,752,300.00	.00	-13,794.82	2,738,505.18	1,381,200.00	8,275.00	.00	1,389,475.00	50.74	1,349,030.18	63,223.76
	0502-2200											
15-401	Plumbing (PJ Kennedy)	118,900.00			118,900.00	118,900.00			118,900.00	100.00		
15-402	Plumbing EBP#3 (Irvine & Sons)	48,880.00		13,695.73	62,575.73	62,575.73			62,575.73	100.00		
15-403	Plumbing - E. Amanti	5,640,000.00		8,615.00	5,648,615.00	2,666,062.00	20,164.00		2,686,226.00	47.56	2,962,389.00	134,311.30
24-019	ALLOW-Phasing Plumbing	65,000.00		-872.00	64,128.00						64,128.00	
24-029	ALLOW-EBP Chngs Plumbing	5,957.00		-5,956.81	0.19						0.19	
	Subtotal	5,878,737.00	.00	15,481.92	5,894,218.92	2,847,537.73	20,164.00	.00	2,867,701.73	48.65	3,026,517.19	134,311.30
	0502-2200 Total	5,878,737.00	.00	15,481.92	5,894,218.92	2,847,537.73	20,164.00	.00	2,867,701.73	48.65	3,026,517.19	134,311.30
	0502-2300											
15-501	HVAC (CAM HVAC)	167,000.00		21,354.30	188,354.30	188,354.30			188,354.30	100.00		

CONTINUATION SHEET

AIA DOCUMENT G703

Detail Page 9 of 12 Pages

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Project:
2153-01 / Arlington High School

Invoice 22
Draw
Application date: 2/14/2022
Period ending date: 1/31/2022

A	B				C	D	E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK	ORIGINAL BUDGET	APPROVED CHANGE ORDERS	APPROVED TRANSFERS	SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED (NOT IN D / E)	TOTAL COMPLETED AND STORED TO DATE (D + E + F)	% (G / C)	BALANCE TO FINISH (C - G)	RETAINAGE (IF VARIABLE RATE)
						FROM PREV. APPLICATION (D + E)	THIS PERIOD					
15-502	HVAC - PJ Kennedy	30,173,000.00		29,455.75	30,202,455.75	12,607,504.30	93,875.64		12,701,379.94	42.05	17,501,075.81	635,069.03
15-503	Vapor Mitigation Fan Allowance	175,000.00		-175,000.00								
24-020	ALLOW-Phasing HVAC	65,000.00		-47,194.64	17,805.36						17,805.36	
24-030	ALLOW-EBP Chngs HVAC	1,035.00		-1,035.09	-0.09						-0.09	
24-047	ALLOW-Vapor Mitigation Fans			175,000.00	175,000.00						175,000.00	
	Subtotal	30,581,035.00	.00	2,580.32	30,583,615.32	12,795,858.60	93,875.64	.00	12,889,734.24	42.15	17,693,881.08	635,069.03
	0502-2300 Total	30,581,035.00	.00	2,580.32	30,583,615.32	12,795,858.60	93,875.64	.00	12,889,734.24	42.15	17,693,881.08	635,069.03
	0502-2600											
16-001	Electrical (WJGE)	187,200.00		80,571.95	267,771.95	267,771.95			267,771.95	100.00		
16-002	Electrical - WJGE	18,758,000.00		492,586.44	19,250,586.44	9,409,440.26	908,925.78		10,318,366.04	53.60	8,932,220.40	515,918.30
16-003	Electrical EBP#3 (WJGE)	194,890.00		15,906.20	210,796.20	210,796.20			210,796.20	100.00		
16-004	Temp Electric - YES			15,421.64	15,421.64	10,719.63			10,719.63	69.51	4,702.01	
16-005	Allowances for Electrical	750,000.00		-750,000.00								
24-011	ALLOW - Temp IT/DPW Coord	300,000.00		-25,755.14	274,244.86						274,244.86	
24-021	ALLOW-Phasing Electrical	65,000.00		-65,000.12	-0.12						-0.12	
24-031	ALLOW-EBP Chngs Electrical	43,514.00		-42,451.01	1,062.99						1,062.99	
24-045	ALLOW-Additional Electrical			456,318.85	456,318.85						456,318.85	
	Subtotal	20,298,604.00	.00	177,598.81	20,476,202.81	9,898,728.04	908,925.78	.00	10,807,653.82	52.78	9,668,548.99	515,918.30
	0502-2600 Total	20,298,604.00	.00	177,598.81	20,476,202.81	9,898,728.04	908,925.78	.00	10,807,653.82	52.78	9,668,548.99	515,918.30
	0502-3100											
1-220	Temp Fencing (Riggs)	184,330.00		-12,303.00	172,027.00	129,019.00			129,019.00	75.00	43,008.00	6,450.95
1-223	HOLD-Temp Fence Maintenance			12,303.00	12,303.00						12,303.00	
2-304	Temporary Fencing	244,568.00			244,568.00						244,568.00	
2-740	Piles	2,166,800.00		-170,750.00	1,996,050.00						1,996,050.00	
2-741	HOLD-Extra PIFs/Rejected PIFs			56,250.00	56,250.00						56,250.00	
2-742	HOLD-50hrs Down Time Obstruct			90,000.00	90,000.00						90,000.00	
2-743	HOLD-Fill Aband Holes W. Conc			15,000.00	15,000.00						15,000.00	
2-744	HOLD-Disp of Pile Cutoff			9,500.00	9,500.00						9,500.00	
	Subtotal	2,595,698.00	.00	.00	2,595,698.00	129,019.00		.00	129,019.00	4.97	2,466,679.00	6,450.95
	0502-3100 Total	2,595,698.00	.00	.00	2,595,698.00	129,019.00		.00	129,019.00	4.97	2,466,679.00	6,450.95
	0502-3200											
2-401	Sitework (Derenzo)	8,130,000.00		-19,546.91	8,110,453.09	7,535,877.39	13,623.01		7,549,500.40	93.08	560,952.69	191,831.34
2-402	HOLD-Obs. Rem. @ All SOE			63,067.25	63,067.25						63,067.25	
24-024	ALLOW-EBP Chngs Sitework	140,000.00		-139,590.26	409.74	-15,660.26			-15,660.26	3,822.00	16,070.00	-783.02
2-403	Sitework - Phase 2-4	12,468,000.00		-741,911.28	11,726,088.72	479,700.00	82,888.72		562,588.72	4.80	11,163,500.00	28,129.43
24-032	ALLOW-Clean Corridor			100,000.00	100,000.00						100,000.00	
24-033	ALLOW-Add'l Water Treat Bynd 9			100,000.00	100,000.00						100,000.00	
24-034	ALLOW-Foundation Obstructions			75,000.00	75,000.00						75,000.00	
24-035	ALLOW-Sewer Bypass			50,000.00	50,000.00						50,000.00	
24-036	ALLOW-Repair Eng. Barrier			50,000.00	50,000.00						50,000.00	
24-037	ALLOW-Street Sweep Bynd Base C			90,000.00	90,000.00						90,000.00	
2-404	HOLD-Add Grnd. Improvements			36,526.00	36,526.00						36,526.00	

CONTINUATION SHEET

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Detail Page 10 of 12 Pages

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Project:
2153-01 / Arlington High School

Invoice 22
Draw
Application date: 2/14/2022
Period ending date: 1/31/2022

ITEM NO.	DESCRIPTION OF WORK	ORIGINAL BUDGET	APPROVED CHANGE ORDERS	APPROVED TRANSFERS	SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED (NOT IN O / E)	TOTAL COMPLETED AND STORED TO DATE (O + E + F)	% (G / C)	BALANCE TO FINISH (C - G)	RETAINAGE (IF VARIABLE RATE)
						FROM PREV. APPLICATION (D + E)	THIS PERIOD					
2-405	HOLD-Summer 21 PE Exst Cond Su											
2-406	HOLD-Mod Ex. W. Lot Ret Wall			26,393.75	26,393.75						26,393.75	
2-407	HOLD-Snow Plowing Ph. 1			40,000.00	40,000.00						40,000.00	
2-408	HOLD-Snow Plow & Sand			90,000.00	90,000.00						90,000.00	
2-409	HOLD-BY-PASS for Storm Line			48,655.08	48,655.08						48,655.08	
2-410	HOLD-6" Grav at Bollard L7.09			70,000.00	70,000.00						70,000.00	
2-411	HOLD-Conc DB Encas RFI-131			56,000.00	56,000.00						56,000.00	
2-412	HOLD-Baseline Control/Survey											
2-890	Synthetic Athletic Surfacing	1,551,300.00		-316,600.00	1,234,700.00						1,234,700.00	
2-891	HOLD-Out of Seq Mat. Handling			50,000.00	50,000.00						50,000.00	
2-892	HOLD-Perim Anchor Trench Coord			20,000.00	20,000.00						20,000.00	
2-922	Fencing (>6' h)	1,067,430.00			1,067,430.00						1,067,430.00	
2-970	Landscapping Subcontractor	3,485,126.00		-657,926.00	2,827,200.00	123,225.00		19,700.00	142,925.00	5.06	2,884,275.00	7,146.25
2-971	HOLD-Temp Topsoil, Seeding, LS			40,000.00	40,000.00						40,000.00	
2-972	HOLD-Layout & Control Phase 4			50,000.00	50,000.00						50,000.00	
2-973	HOLD-Truck&Disp Suprl Soil Ph4			90,000.00	90,000.00						90,000.00	
	Subtotal	26,841,856.00	.00	-729,932.37	26,111,923.63	8,123,142.13	96,511.73	19,700.00	8,239,353.86	31.55	17,872,569.77	226,324.00
	0502-3200 Total	26,841,856.00	.00	-729,932.37	26,111,923.63	8,123,142.13	96,511.73	19,700.00	8,239,353.86	31.55	17,872,569.77	226,324.00
0508-0000	CO-01											
CR-072	PR-002 Expand Terrazzo Flr Caf		219,338.20		219,338.20						219,338.20	
	CO-01 Subtotal		219,338.20	.00	219,338.20			.00			219,338.20	
	CO-02											
CR-095	CCD-013.1 Rev Toilet Rm Layout		4,931.14		4,931.14	4,931.14			4,931.14	100.00		246.56
CR-108	ASI-045.1 - 045 - RFI#267 Gas		5,483.32		5,483.32	4,198.00			4,198.00	76.56	1,285.32	209.90
CR-120	ASI051.2-051.1 & 051-Rev Workb		21,881.43		21,881.43	21,881.43			21,881.43	100.00		1,094.07
CR-131	ASI062 Rev Door 227B		936.37		936.37	936.37			936.37	100.00		46.81
	CO-02 Subtotal		33,232.26	.00	33,232.26	31,946.94		.00	31,946.94	96.13	1,285.32	1,597.34
	CO-03											
CR-079	ASI-034 Revs to Steel Part E		-246.40		-246.40	-246.40			-246.40	100.00		-12.32
CR-103	RFI-221 Custodian Plumbing Fur		1,343.66		1,343.66	1,343.66			1,343.66	100.00		67.18
CR-106	CCD-017 Remv Elev Pit Walls &B		10,731.04		10,731.04	10,731.04			10,731.04	100.00		536.55
CR-110	RFI-269 Plumb Pipe for P-9 Snk		4,717.58		4,717.58	4,717.58			4,717.58	100.00		235.88
CR-144	F/I Beam Wrap S. Lobby Entranc		23,645.14		23,645.14	10,894.62			10,894.62	46.08	12,750.52	544.62
CR-151	RFI-339 D Lab Soffit Revs Shad		8,935.46		8,935.46	8,935.46			8,935.46	100.00		446.77
CR-162	ASI-091 RFI-252 Steps @Elevati		19,038.40		19,038.40	19,038.40			19,038.40	100.00		951.92
CR-164	RFI-356 F/I Added Quad Outlet		400.31		400.31	400.31			400.31	100.00		20.02
	CO-03 Subtotal		68,565.19	.00	68,565.19	55,814.67		.00	55,814.67	81.40	12,750.52	2,790.62
	CO-04											
CR-086	CCD-011 RFI167 Bldg D Roof Edg		40,668.63		40,668.63	40,668.63			40,668.63	100.00		2,033.43
CR-093	RFI216.1 Stair 2 Fire Rated Ce		4,093.65		4,093.65	4,093.65			4,093.65	100.00		204.68
CR-104	ASI-039 Bldg D Partition Shift		1,426.09		1,426.09	1,426.09			1,426.09	100.00		71.30
CR-109	RFI-285.3, .2, .1, 285 Emergen		3,616.12		3,616.12	3,616.12			3,616.12	100.00		180.81
CR-111	RFI-279 Drywall Tops @Elec. Rm		11,592.09		11,592.09	11,592.09			11,592.09	100.00		579.60
CR-125	Unclouded Duct Revs ASI-033		20,371.34		20,371.34	20,371.34			20,371.34	100.00		1,018.57

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A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D FROM PREV. APPLICATION (D + E)	E THIS PERIOD	F MATERIALS PRESENTLY STORED (NOT IN D / E)	G TOTAL COMPLETED AND STORED TO DATE (D + E + F)	H BALANCE TO FINISH (C - G)	I RETAINAGE (IF VARIABLE RATE)
		ORIGINAL BUDGET	APPROVED CHANGE ORDERS	APPROVED TRANSFERS	WORK COMPLETED	% (G / C)		
CR-126	ASI-059 RFI299 Ensemble Rm							
CR-173	ASI-100 Photoluminescent Nosing				4,653.48		-4,653.48	232.67
	CO-04 Subtotal	81,767.92	.00	81,767.92	81,767.92	105.69	-4,653.48	4,321.06
	CO-05							
CR-113	ASI-085 Ceiling Height Changes	2,762.90		2,762.90			2,762.90	
CR-139	ASI-070 Bldg D - 2nd Flr Stora	542.46		542.46		100.00		27.12
CR-212	CCD-028 Add Tablet Arms @DLAB	18,882.05		18,882.05			18,882.05	
CR-224	RFI-466 Knife Edge Soffit Bloc	21,143.73		21,143.73	21,143.73	100.00		1,057.19
	CO-05 Subtotal	43,331.14	.00	43,331.14	21,686.19	50.05	21,644.95	1,084.31
	CO-06							
C1-08A	CR108A ASI-045.1 Out of Seq Dr	3,768.73		3,768.73		100.00		188.44
CR-105	RFI-219 Duct Ceiling Conflicts	11,995.65		11,995.65		100.00		599.78
CR-119	CCD-018 Add Homosote TB's & Ra	3,758.74		3,758.74	-1,588.80	42.27	5,347.54	-79.44
CR-129	CCD-021 Plumbing Chngs @WaterH							
CR-137	ASI-068 Revs to Drink Fountain	1,628.62		1,628.62		100.00		81.43
CR-140	ASI-071.1 Revs to Fire Ext. &	4,550.10		4,550.10	346.96	7.63	4,203.14	17.35
CR-145	RFI-328.1 VAVr Relocated	2,230.33		2,230.33		100.00		111.52
CR-146	RFI-338 Auditorium Slab Openin	1,147.40		1,147.40		100.00		57.37
CR-205	CCD-027 ASI124 Added Channel	29,229.32		29,229.32		100.00		1,461.47
CR-211	RFI-416.1 Added Furring Wall R	1,112.38		1,112.38		100.00		55.62
	CO-06 Subtotal	59,421.27	.00	59,421.27	51,459.39	83.93	9,550.68	2,493.54
	CO-07							
CR-130	ASI63.2,63.1,63-Lckrs, ADA Ben	10,819.17		10,819.17	522.01	4.82	10,297.16	26.09
CR-134	CCD022 Creation of Niches for	31,659.81		31,659.81	18,920.00	56.28	13,841.94	890.89
CR-135	ASI066 Revs to Paging Speakers	2,251.71		2,251.71			2,251.71	
CR-153	ASI-080 Ceilg,Cswrk,Arch,Elect	10,675.26		10,675.26	1,268.77	13.56	9,227.39	72.40
CR-155	ASI-060 Acoustic Spray Insulat	-396.45		-396.45			-396.45	
CR-160	ASI-088.2,88.1,88 Revs Ceilg H	5,687.71		5,687.71		100.00		284.39
CR-161	ASI-089 Canopy Roof 2nd Row Li	5,526.62		5,526.62	1,321.23	100.00		276.33
CR-165	ASI083 Struct Steel Revs BldgB	1,384.68		1,384.68			1,384.68	
CR-170	ASI-113 Trapezoid Lght Wells C	9,547.35		9,547.35		100.00		477.37
CR-174	RFI390 Furring Wall @D5 Colmn	3,331.55		3,331.55		100.00		166.58
CR-198	RFI-330.1 Added Drain Pan 227	1,212.18		1,212.18		100.00		60.61
	CO-07 Subtotal	81,699.59	.00	81,699.59	41,810.80	55.19	36,606.43	2,254.66
	CO-08							
CR-089	CCD015,015.1,015.2- RFI131 Sit	16,190.48		16,190.48		100.00		809.52
CR-188	ASI114 Receptacle & TStat Locat	1,080.44		1,080.44		100.00		54.02
CR-196	RFI431 Electric Unit Heater	3,466.03		3,466.03			3,466.03	
CR-210	RFI291 Added Condensate Receiv	2,462.09		2,462.09			2,462.09	
CR-214	National Grid UG Conduit in Co	32,418.02		32,418.02			32,418.02	
CR-235	ASI140 Mech Revs L4 Bldg D&B	5,405.30		5,405.30		100.00		270.27
CR-263	RFI477 Drain Conflict w/Underg	9,976.02		9,976.02			9,976.02	
CR-276	RFI489 Theater Emergency Light	16,087.79		16,087.79			16,087.79	
	CO-08 Subtotal	87,086.17	.00	87,086.17	22,676.22	26.04	64,409.95	1,133.81
	CO-09							

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[illegible]

Users may obtain validation of this document by requesting a completed AIA Document D401 - Certification of Document's Authenticity from the Licensee

Arlington High School
REQ #21 Retainage Tracking Log

Subcontractor	Contract Value	Previously Billed	Billed to Date	Current Bill	Previous Retainage Held	Current Retainage Held	Total Retainage	Retainage %	Retainage Released	Current Pay App
0502-0010 - Contractor's Fee	4,733,848.00	1,603,392.00	1,679,744.00	76,352.00	80,169.60	3,817.60	83,987.20	5.0%	-	72,534.40
0502-0020 - Insurances	6,212,555.00	6,199,096.83	6,199,096.83	-	309,954.84	-	309,954.84	5.0%	-	-
0502-0030 - Contingency	6,666,663.34	-	-	-	-	-	-	-	-	-
0502-0100 - General Conditions	11,931,225.00	4,522,224.00	4,737,568.00	215,344.00	226,111.20	10,767.20	236,878.40	5.0%	-	204,576.80
0502-0100 - General Requirements	7,166,486.46	4,520,142.67	4,817,785.67	297,643.00	226,007.15	14,882.15	240,889.30	5.0%	-	282,760.85
0502-0200 - Existing Conditions (Costello)	5,744,916.51	490,678.51	490,678.51	-	24,533.93	-	24,533.93	5.0%	-	-
0502-0200 - Existing Conditions (Holds & Allowances)	350,993.05	-	-	-	-	-	-	-	-	-
0502-0200 - Existing Conditions	845,000.00	-	-	-	-	-	-	-	-	-
0502-0300 - Concrete EBP#4 (Riggs)	3,862,927.49	3,849,597.49	3,849,597.49	-	96,416.67	-	96,416.67	2.5%	-	-
0502-0300 - Concrete EBP#3 (Riggs)	10,389.29	10,389.29	10,389.29	-	-	-	-	0.0%	-	-
0502-0300 - Concrete Phase 2-4	11,055,157.29	-	-	-	-	-	-	-	-	-
0502-0300 - Concrete Polished Concrete	178,920.00	95,708.00	95,708.00	-	4,785.40	-	4,785.40	5.0%	-	-
0502-0300 - Concrete (Holds)	224,794.31	-	-	-	-	-	-	-	-	-
0502-0300 - Concrete (Allowances)	106,260.25	(4,993.75)	(4,993.75)	-	(249.69)	-	(249.69)	5.0%	-	-
0502-0400 - Masonry (Empire)	6,694,110.00	2,199,950.00	2,199,950.00	-	109,997.50	-	109,997.50	5.0%	-	-
0502-0500 - Metals (Trimax)	7,156,361.79	7,137,727.45	7,137,727.45	-	183,134.55	-	183,134.55	2.5%	-	-
0502-0500 - Metals (Holds)	10,800,206.32	-	-	-	-	-	-	-	-	-
0502-0500 - Metals Structural Steel Ph. 2 & 3	636,026.88	312,370.58	324,119.08	11,748.50	15,618.56	587.43	16,205.99	5.0%	-	11,161.07
0502-0500 - Metals Misc Metals (Avid Ironworks)	1,548,781.00	464,235.50	474,502.50	10,267.00	23,211.78	513.35	23,725.13	5.0%	-	9,753.65
0502-0500 - Metals (Allowances)	357,164.93	-	-	-	-	-	-	-	-	-
0502-0600 - Wood/Plastic/Composites (Padco)	7,354.00	7,354.00	7,354.00	-	192.50	-	192.50	2.5%	-	-
0502-0600 - Wood/Plastic/Composites (Riggs)	3,734,126.50	1,808,773.40	2,072,553.40	263,780.00	89,976.12	13,189.00	103,165.12	4.9%	-	250,591.00
0502-0600 - Wood/Plastic/Composites (Allowances)	52,416.86	-	-	-	-	-	-	-	-	-
0502-0600 - Wood/Plastic/Composites (Holds)	35,914.05	-	-	-	-	-	-	-	-	-
0502-0700 - Thermal & Moisture Waterproofing (PJ Spillane)	1,542,000.00	576,000.00	582,000.00	6,000.00	28,800.00	300.00	29,100.00	5.0%	-	5,700.00
0502-0700 - Thermal & Moisture (Budget Maintenance)	670,000.00	278,998.79	278,998.79	-	13,949.93	-	13,949.93	5.0%	-	-
0502-0700 - Thermal & Moisture Engineered Barrier	118,650.00	-	-	-	-	-	-	-	-	-
0502-0700 - Thermal & Moisture Ext Wall Panels	1,441,000.00	813,729.15	824,534.15	10,805.00	40,686.45	540.25	41,226.70	5.0%	-	10,264.75
0502-0700 - Thermal & Moisture Roofing (Greenwood)	3,498,906.15	1,124,564.90	1,140,484.90	15,920.00	56,228.25	796.00	57,024.25	5.0%	-	15,124.00
0502-0700 - Thermal & Moisture Protection (Titan)	27,036.00	27,036.00	27,036.00	-	-	-	-	0.0%	-	-
0502-0700 - Thermal & Moisture Fireproofing (Island)	1,297,064.58	521,118.74	521,118.74	-	26,055.88	-	26,055.88	5.0%	-	-
0502-0700 - Thermal & Moisture (Holds)	276,600.00	-	-	-	-	-	-	-	-	-
0502-0700 - Thermal & Moisture (Allowances)	60,407.29	-	-	-	-	-	-	-	-	-
0502-0800 - Doors & Windows (Horner)	22,900.00	22,900.00	22,900.00	-	1,145.00	-	1,145.00	5.0%	-	-
0502-0800 - Doors & Windows (Eaton)	1,255,578.14	821,367.90	882,568.52	61,200.62	41,068.39	3,060.03	44,128.42	5.0%	-	58,140.59
0502-0800 - Doors & Windows D&H Install (Riggs)	10,860.00	10,860.00	10,860.00	-	543.00	-	543.00	5.0%	-	-
0502-0800 - Doors & Windows Install	464,400.00	157,350.00	172,200.00	14,850.00	7,867.50	742.50	8,610.00	5.0%	-	14,107.50
0502-0800 - Doors & Windows Access Doors	26,875.00	-	-	-	-	-	-	-	-	-
0502-0800 - Doors & Windows Overhead Doors (Baron)	116,200.00	112,200.00	112,200.00	-	5,610.00	-	5,610.00	5.0%	-	-
0502-0800 - Doors & Windows (R&R)	5,671,971.74	2,803,853.75	2,952,827.57	148,973.82	140,192.69	7,448.69	147,641.38	5.0%	-	141,525.13
0502-0800 - Doors & Windows Glass & Glazing (A&A)	9,900.00	9,900.00	9,900.00	-	-	-	-	0.0%	-	-
0502-0800 - Doors & Windows (Kapiloff's)	700,197.43	305,140.00	310,359.00	5,219.00	15,257.04	260.95	15,517.99	5.0%	-	4,958.05
0502-0800 - Doors & Windows Folding Door	100,880.00	11,850.00	11,850.00	-	592.50	-	592.50	5.0%	-	-
0502-0800 - Doors & Windows (Holds)	69,610.00	-	-	-	-	-	-	-	-	-
0502-0900 - Finishes Temp Construction	859,301.68	-	-	-	-	-	-	-	-	-
0502-0900 - Finishes Trade Support	919,039.06	-	-	-	-	-	-	-	-	-
0502-0900 - Finishes Pedestrian Protection	38,648.00	-	-	-	-	-	-	-	-	-
0502-0900 - Finishes Temp Bridge Structure Ph.1 (Rubb)	136,000.00	93,789.00	93,789.00	-	4,689.45	-	4,689.45	5.0%	-	-
0502-0900 - Finishes (TJM)	78,338.23	78,338.23	78,338.23	-	-	-	-	0.0%	-	-
0502-0900 - Finishes Drywall & Carpentry (Colony)	16,385,413.94	6,595,656.45	6,665,159.79	69,503.34	329,782.82	3,475.14	333,257.96	5.0%	-	66,028.20
0502-0900 - Finishes Tile	2,059,776.35	1,070,705.37	1,095,083.68	24,378.31	53,535.26	1,218.92	54,754.18	5.0%	-	23,159.39
0502-0900 - Finishes Terrazzo Flooring	665,510.00	141,160.00	141,160.00	-	7,058.00	-	7,058.00	5.0%	-	-
0502-0900 - Finishes (ACT)	2,700.00	-	-	-	-	-	-	-	-	-
0502-0900 - Finishes (K&K)	2,359,496.00	730,950.00	775,325.00	44,375.00	36,547.50	2,218.75	38,766.25	5.0%	-	42,156.25
0502-0900 - Finishes Resinous Flooring	60,290.00	-	-	-	-	-	-	-	-	-
0502-0900 - Finishes Athletic Flooring	120,640.00	-	-	-	-	-	-	-	-	-
0502-0900 - Finishes Wood Flooring	405,430.00	-	-	-	-	-	-	-	-	-
0502-0900 - Finishes (Resilient Flooring)	52,709.59	46,949.59	46,949.59	-	-	-	-	0.0%	-	-
0502-0900 - Finishes Resilient Flooring (Capital)	2,179,229.48	737,655.85	815,928.22	78,272.37	36,882.80	3,913.62	40,796.42	5.0%	-	74,358.75
0502-0900 - Finishes Carpet	345,100.00	162,691.00	207,288.00	44,597.00	8,134.55	2,229.85	10,364.40	5.0%	-	42,367.15
0502-0900 - Finishes Acoustical Insulation	444,800.00	165,750.00	165,750.00	-	8,287.50	-	8,287.50	5.0%	-	-
0502-0900 - Finishes Acoustical Wall Panels	240,800.00	-	73,400.00	73,400.00	-	3,670.00	3,670.00	5.0%	-	69,730.00
0502-0900 - Finishes (Color Concepts)	40,241.17	40,241.17	40,241.17	-	-	-	-	0.0%	-	-
0502-0900 - Finishes Painting (New Generation)	959,008.86	278,761.48	360,271.08	81,509.60	13,938.07	4,075.48	18,013.55	5.0%	-	77,434.12
0502-0900 - Finishes (Holds)	1,511,950.58	-	-	-	-	-	-	-	-	-
0502-0900 - Finishes (Allowances)	1,150,021.07	-	-	-	-	-	-	-	-	-
0502-1000 - Specialties	656,381.00	472,476.00	472,476.00	-	23,623.80	-	23,623.80	5.0%	-	-
0502-1000 - Specialties Visual Display Boards (NEIS)	290,185.00	82,518.53	82,518.53	-	4,125.92	-	4,125.92	5.0%	-	-
0502-1000 - Specialties (TP, TA, FEC, PS)	418,135.00	283,585.21	286,237.42	2,652.21	14,179.27	132.61	14,311.88	5.0%	-	2,519.60
0502-1000 - Specialties Signage	389,717.00	-	92,221.40	92,221.40	-	4,611.07	4,611.07	5.0%	-	87,610.33
0502-1000 - Specialties Operable Partitions (Corbin-Hufcor)	61,000.00	10,500.00	41,000.00	30,500.00	525.00	1,525.00	2,050.00	5.0%	-	28,975.00
0502-1000 - Specialties Photoluminescent Safety	46,545.00	-	-	-	-	-	-	-	-	-
0502-1000 - Specialties (Automation)	29,308.00	27,551.00	27,551.00	-	-	-	-	0.0%	-	-
0502-1000 - Specialties (Holds)	35,640.24	-	-	-	-	-	-	-	-	-
0502-1000 - Specialties (Allowances)	-	-	-	-	-	-	-	-	-	-
0502-1100 - Equipment Theater Equip	475,500.00	142,750.00	173,800.00	31,050.00	7,137.50	1,552.50	8,690.00	5.0%	-	29,497.50
0502-1100 - Equipment Food Service	564,611.00	131,450.00	131,450.00	-	6,572.50	-	6,572.50	5.0%	-	-
0502-1100 - Equipment Appliances	224,088.00	60,990.49	70,948.31	9,957.82	3,049.52	497.90	3,547.42	5.0%	-	9,459.92
0502-1100 - Equipment Gym (Robert H Lord)	686,078.00	1,000.00	1,000.00	-	50.00	-	50.00	5.0%	-	-
0502-1100 - Equipment Window Washing Equip. (Peak)	77,700.00	39,300.00	39,300.00	-	1,965.01	-	1,965.01	5.0%	-	-
0502-1100 - Equipment (Holds)	130,218.24	-	-	-	-	-	-	-	-	-
0502-1100 - Equipment Clock	43,295.00	-	-	-	-	-	-	-	-	-
0502-1100 - Equipment (Allowances)	103,000.00	-	-	-	-	-	-	-	-	-
0502-1200 - Furnishings Lab Casework	1,977,891.00	1,057,879.99	1,147,956.49	90,076.50	52,894.00	4,503.83	57,397.83	5.0%	-	85,572.67
0502-1200 - Furnishings Window Treatments	184,795.00	11,250.00	51,535.00	40,285.00	562.50	2,014.25	2,576.75	5.0%	-	38,270.75
0502-1200 - Furnishings Auditorium Seating	270,017.00	3,000.00	3,000.00	-	150.00	-	150.00	5.0%	-	-
0502-1200 - Furnishings (Holds)	25,000.00	-	-	-	-	-	-	-	-	-
0502-1400 - Elevators (Delta)	690,000.00	196,200.00	198,200.00	2,000.00	9,810.00	100.00	9,910.00	5.0%	-	1,900.00
0502-2100 - Fire Protection (Rustic)	125,000.00	125,000.00	125,000.00	-	-	-	-	0.0%	-	-
0502-2100 - Fire Protection (Delta)	2,548,505.18	1,256,200.00	1,264,475.00	8,275.00	62,810.01	413.75	63,223.76	5.0%	-	7,861.25
0502-2100 - Fire Protection (Allowances)	65,000.00	-	-	-	-	-	-	-	-	-
0502-2200 - Plumbing (PJ Kenney)	118,900.00	118,900.00	118,900.00	-	-	-	-	0.0%	-	-
0502-2200 - Plumbing EBP#3 (Irvine & Sons)	62,575.73	62,575.73	62,575.73	-	-	-	-	0.0%	-	-
0502-2200 - Plumbing (E. Amanti)	5,648,615.00	2,666,062.00	2,686,226.00	20,164.00	133,303.10	1,008.20	134,311.30	5.0%	-	19,155.80
0502-2200 - Plumbing (Allowances)	64,128.19	-	-	-	-	-	-	-	-	-
0502-2300 - HVAC (CAM HVAC)	188,354.30	188,354.30	188,354.30	-	-	-	-	0.0%	-	-
0502-2300 - HVAC (PJ Kennedy)	30,202,455.75	12,607,504.30	12,701,379.94	93,875.64	630,375.23	4,693.80	635,069.03	5.0%	-	89,181.84
0502-2300 - HVAC (Allowances)	192,805.27	-	-	-	-	-	-	-	-	-
0502-2600 - Electrical (WIGE)	267,771.95	267,771.95	267,771.95	-	-	-	-	0.0%	-	-
0502-2600 - Electrical (WIGE)	19,250,586.44	9,409,440.26	10,318,366.04	908,925.78	470,472.01	45,446.29	515,918.30	5.0%	-	863,479.49
0502-2600 - Electrical EBP#3 (WIGE)	210,796.20	210,796.20	210,796.20	-	-	-	-	0.0%	-	-

0502-2600 - Electrical Temp (YES)	15,421.64	10,719.63	10,719.63	-	-	-	-	0.0%	-	-
0502-2600 - Electrical (Allowances)	731,626.58	-	-	-	-	-	-	-	-	-
0502-3100 - Earthwork (Riggs)	172,027.00	129,019.00	129,019.00	-	6,450.95	-	6,450.95	5.0%	-	-
0502-3100 - Earthwork Temp Fencing	244,568.00	-	-	-	-	-	-	-	-	-
0502-3100 - Earthwork Piles	1,996,050.00	-	-	-	-	-	-	-	-	-
0502-3100 - Earthwork (Holds)	183,053.00	-	-	-	-	-	-	-	-	-
0502-3200 - Exterior Improvements (Derenzo)	8,110,453.09	7,535,877.39	7,549,500.40	13,623.01	191,150.19	681.15	191,831.34	2.5%	-	12,941.86
0502-3200 - Exterior Improvements (Holds)	680,642.08	-	-	-	-	-	-	-	-	-
0502-3200 - Exterior Improvements	11,726,088.72	479,700.00	562,588.72	82,888.72	23,985.00	4,144.43	28,129.43	5.0%	-	78,744.29
0502-3200 - Exterior Improvements (Allowances)	465,409.74	(15,660.26)	(15,660.26)	-	(783.02)	-	(783.02)	5.0%	-	-
0502-3200 - Exterior Improvements Synthetic Athletic Sur	1,234,700.00	-	-	-	-	-	-	-	-	-
0502-3200 - Exterior Improvements Fencing	1,067,430.00	-	-	-	-	-	-	-	-	-
0502-3200 - Exterior Improvements Landscaping	2,827,200.00	123,225.00	142,925.00	19,700.00	6,161.25	985.00	7,146.25	5.0%	-	18,715.00
0508-0000 - CO #1	219,338.20	-	-	-	-	-	-	-	-	-
0508-0000 - CO #2	33,232.26	31,946.94	31,946.94	-	1,597.34	-	1,597.34	5.0%	-	-
0508-0000 - CO #3	68,565.19	55,814.67	55,814.67	-	2,790.62	-	2,790.62	5.0%	-	-
0508-0000 - CO #4	81,767.92	81,767.92	86,421.40	4,653.48	4,088.39	232.67	4,321.06	5.0%	-	4,420.81
0508-0000 - CO #5	43,331.14	21,686.19	21,686.19	-	1,084.31	-	1,084.31	5.0%	-	-
0508-0000 - CO #6	59,421.27	51,459.39	49,870.59	(1,588.80)	2,572.98	(79.44)	2,493.54	5.0%	-	(1,509.36)
0508-0000 - CO #7	81,699.59	41,810.80	45,093.16	3,282.36	2,090.54	164.12	2,254.66	5.0%	-	3,118.24
0508-0000 - CO #8	87,086.17	-	22,676.22	22,676.22	-	1,133.81	1,133.81	5.0%	-	21,542.41
0508-0000 - CO #9	67,036.27	-	2,009.45	2,009.45	-	100.48	100.48	5.0%	-	1,908.97
0508-0000 - CO #10	-	-	-	-	-	-	-	-	-	-
Totals:	235,028,825.01	88,936,585.97	91,967,952.32	3,031,366.35	3,929,506.61	151,568.33	4,081,074.94	-	-	2,879,798.02

Finance Subcommittee Meeting
Thursday, January 13, 2022
4:00 PM – 5:00 PM
Conducted by Remote Participation
Meeting Minutes

Attendees: Adam Chapdelaine, Sandy Pooler, Kate Loosian, John Cole
Jim Burrows, Sy Nguyen, Victoria Clifford, Skanska USA Building, Inc.

Call to order: 4:04 PM.

Adam Chapdelaine, Town Manager, opened the meeting conducted by remote participation as outlined in Governor Baker's order suspending certain provisions of the open meeting law on March 12, 2020, and explained how votes would be taken.

Budget Update / Change Log Review

- Skanska gave an overall budget update
- Skanska reported they are working with Consigli to close open CR's

Consigli Req #21 Review/Approval

- Skanska recommended approval
- John Cole asked how the total amount compared to other months.
 - Skanska answered that the req this month was lower than previous months because the majority of the work this month was for finishes.

Change Order #9 Review/Approval

- Skanska presented Change Order #9 for a total of \$68,870.53 and recommended approval.
- The following Change Requests (CR's) were included:

CR#	Description	Net Added
CR 147R1	FP at makerspace ductwork (HVAC, Elec, GWB scope).	\$ 9,161
CR 175R1	ASI-105 Revisions to bldg. B steel and concrete- Phase 2	\$ 15,425
CR 204R1	ASI-119.1/ASI-119 Phase 2/3 Structural steel revisions	\$ 13,411
CR 236	RFI-470 Exterior Auditorium added recess soffit for light fixture	\$ 8,618
CR 238R1	ASI-141 & ASI-148 Revisions to steel part B and C	\$ 16,263
CR 294	RFI-554 Light Fixtures at Rm 527, 528 location change to clear FH	\$ 2,354
CR 300	RFI-380 Change PC-16 Light fixtures to be PC-19	\$ 1,806

- John Cole asked if CR238 included drawing coordination and T&M.
 - Skanska answered that the CR includes additional steel and shop drawing coordination.

Adam Chapdelaine asked for a motion to approve the following:

1. Motion to approve Consigli AHS Requisition #21 for \$3,998,811.90
2. Motion to approve Change Order No. 9 for a total of \$68,870.53.
3. Motion to approve the 12/16/2021 Finance Subcommittee Meeting Minutes.

Kate Loosian made the motion. John Cole seconded the motion.

- Kate Loosian: Yes
- John Cole: Yes
- Sandy Pooler: Yes
- Adam Chapdelaine: Yes

Motion passed unanimously.

New Business

- Skanska gave an update that an additional thermal roof scan is needed for commissioning. BEA, the Building Envelope Commissioning Agent, owns a thermal scan of the roof, but due to the thickness of our roof, the thermal scan does not reach the deck. Skanska did receive a quote from BEA and a quote from Briggs. The Briggs quote was much lower for the same scope. Skanska recommended having Briggs perform the test under the current testing contract.
- Kate Loosian noted that Briggs's testing contract is trending ahead.
 - Skanska noted that we are looking into the Briggs contract to see where we will land for the upcoming phases.
- Skanska gave an update on supply chain issues.
 - John Cole asked if the COVID spike was affecting the manpower.
 - Skanska answered, yes, but the subs are working on Sundays when possible to make up lost time.

John Cole moved to adjourn. Kate Loosian seconded the motion.

Adam Chapdelaine called a roll call vote:

- Kate Loosian: Yes
- John Cole: Yes
- Adam Chapdelaine: Yes
- Sandy Pooler: Yes

Motion passed unanimously.

Meeting adjourned at 4:26 PM.